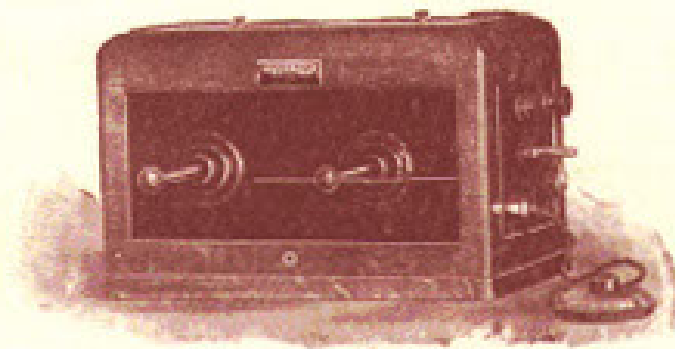


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Is a powerful and efficient X-ray apparatus and at a very reasonable price. It is simple of operation, compact, noiseless and beautifully designed and finished. Adopted and used by leading Physicians, Radiographers, Dentists, etc.

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## VULCAN COIL COMPANY

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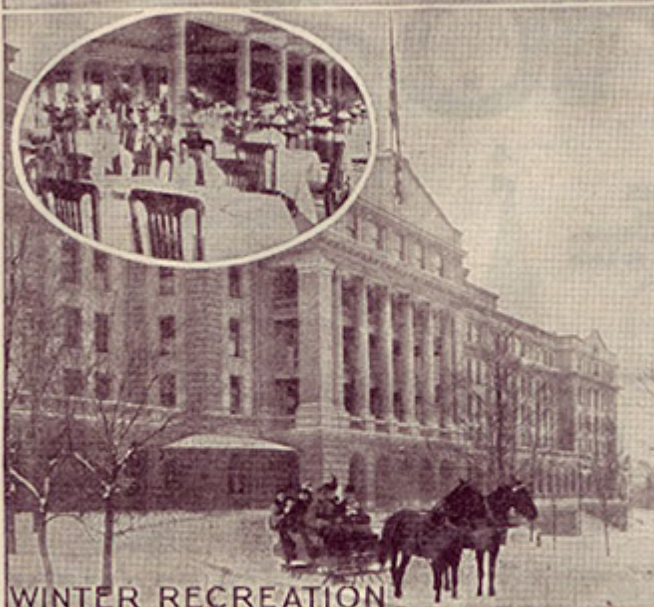
AGENCIES EVERYWHERE

VULCAN COIL COMPANY  
Los Angeles, Cal., U.S.A.  
240 S. Los Angeles Street  
Name .....  
Address .....





# The Battle Creek Sanitarium



WINTER RECREATION



INDOOR PALM GARDEN



ONE OF THE INDOOR SWIMMING POOLS



ON THE PORCH



GREAT INDOOR GYMNASIUM

THE management of this institution was the first to organize and set in operation a thoroughly complete system of physiologic therapeutics. Water-cures had existed before — electric institutes, mineral springs, and similar establishments — but the Battle Creek institution was the first to organize a system and method embodying all physiologic agencies.

Accommodations for eight hundred guests; one hundred and seventy-five rooms with private baths; six hydraulic elevators; electric lights and private telephone in each room.

Spacious parlors and foyers on every floor. Roof-garden, dining-room and kitchen at the top. Spacious indoor gymnasium, outdoor gymnasium, large indoor and outdoor swimming pools, a corps of experienced trainers, country walks and rides daily. Tent colony in summer.

Staff of thirty doctors; two hundred and fifty nurses and attendants.

Forty years' experience in this institution has demonstrated that the great majority of chronic invalids, of all classes, including many considered incurable, may be trained up to a state of healthy vigor by a systematic regimen based upon scientific principles, combined with a thorough application of the resources of hydrotherapy, phototherapy, thermotherapy, massage, Swedish movements, Swedish gymnastics, electrotherapy and the open air treatment, guided by the exact findings of bacteriological, chemical, microscopical and other accurate methods of examination and pathologic research.

Excellent results are obtained in the various gynecological diseases, chronic indigestion, constipation, enteroptosis, pernicious and other forms of anemia, obesity, neurasthenia, hysteria, and chronic malarial infection. Good results are also often obtained in cases of locomotor ataxia, paralysis agitans, chronic nephritis, chronic myelitis, multiple neuritis and other nervous affections, exophthalmic goitre, cardiac dropsy, infectious jaundice, gout and chronic rheumatism.

Special ward for surgical cases with perfect appointments and special departments for diseases of the eye, ear, nose and throat in charge of experienced specialists.

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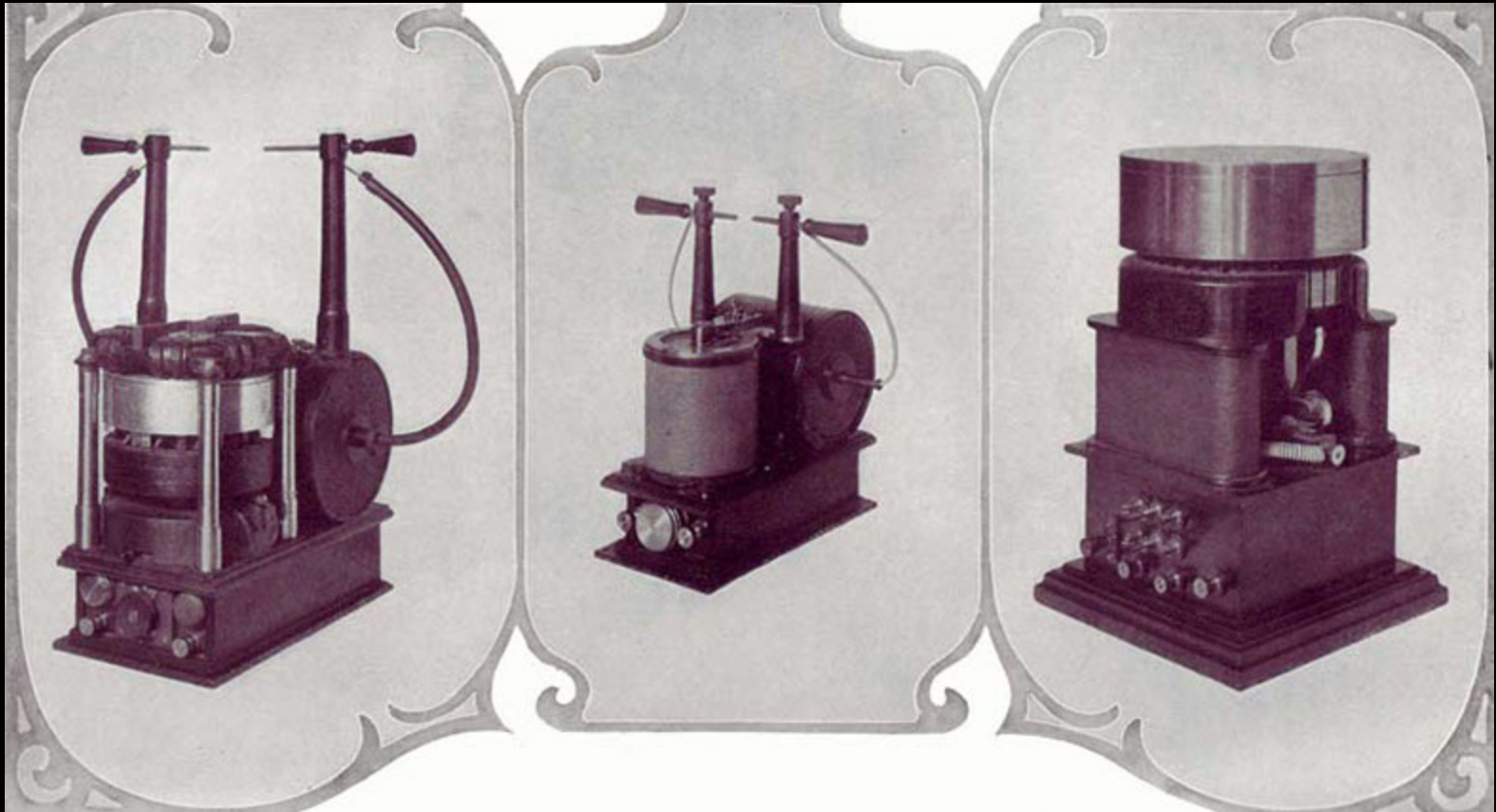
ADDRESS

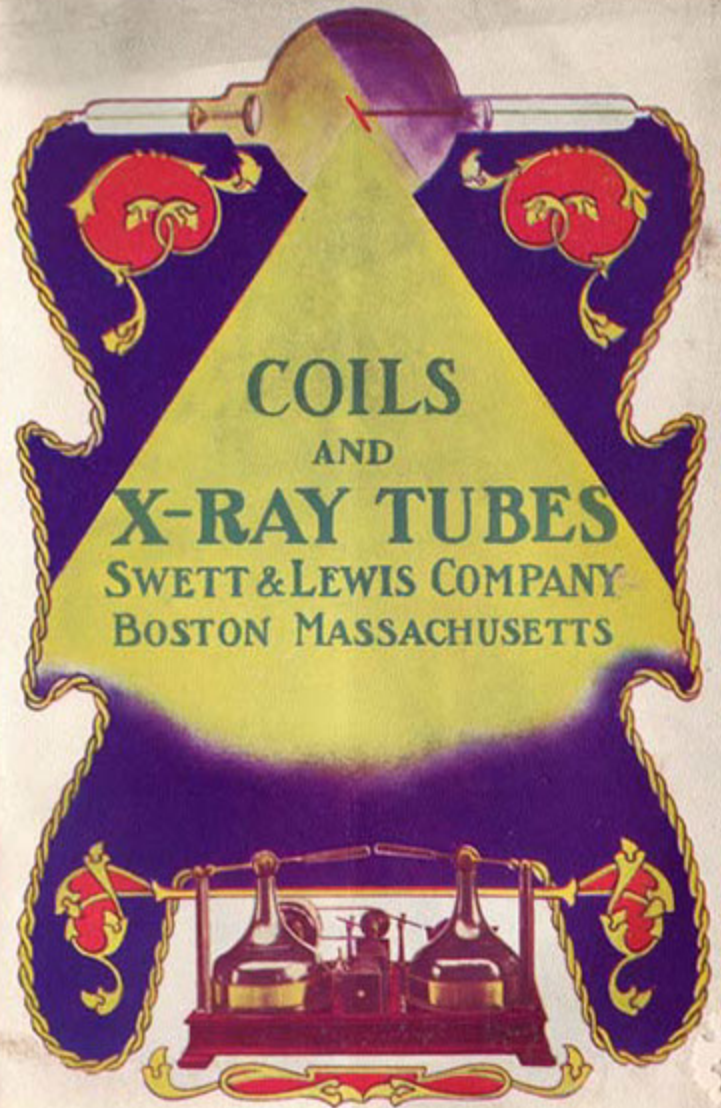
THE SANITARIUM,

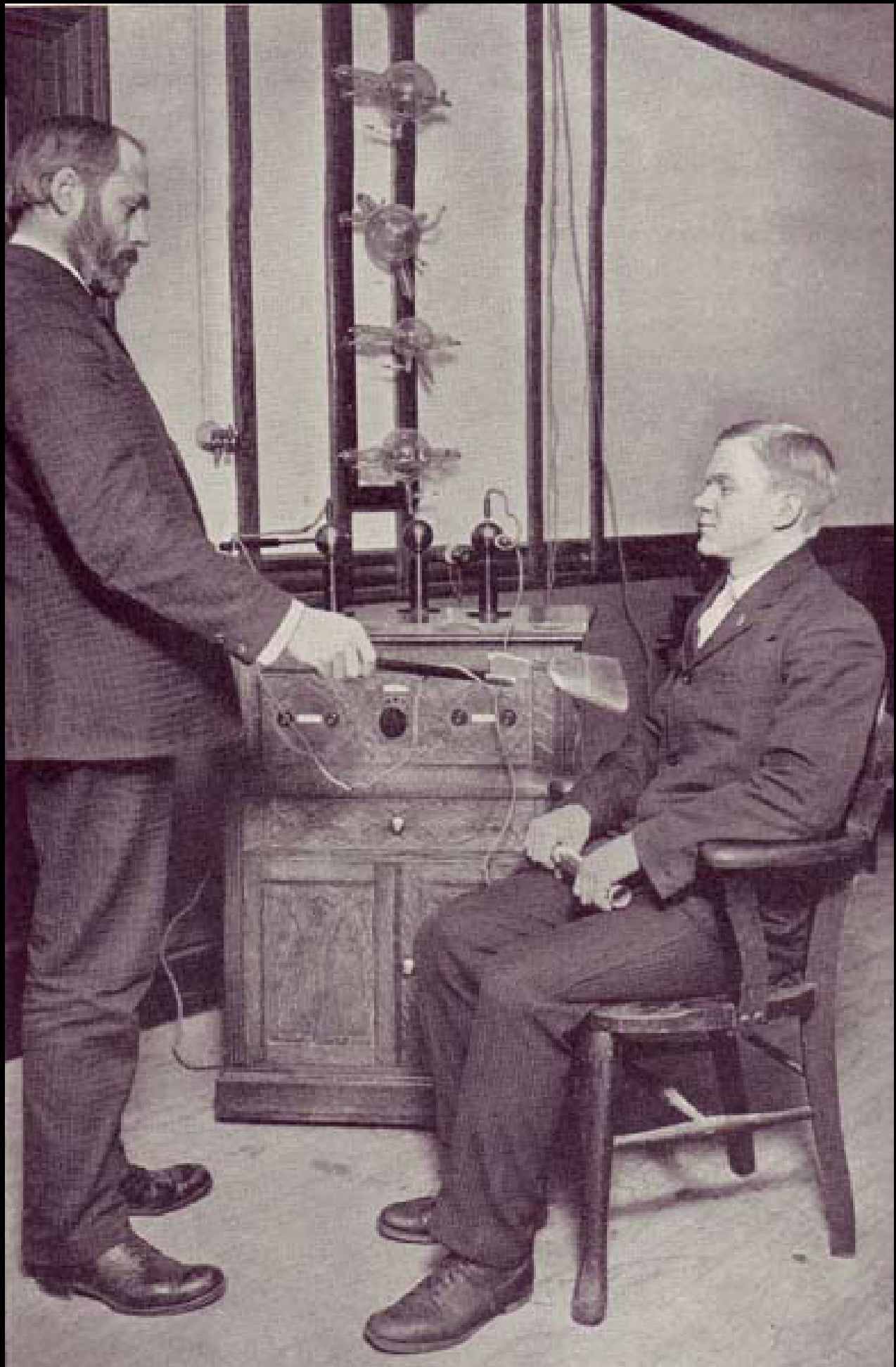
Box 65,

BATTLE CREEK, MICH.

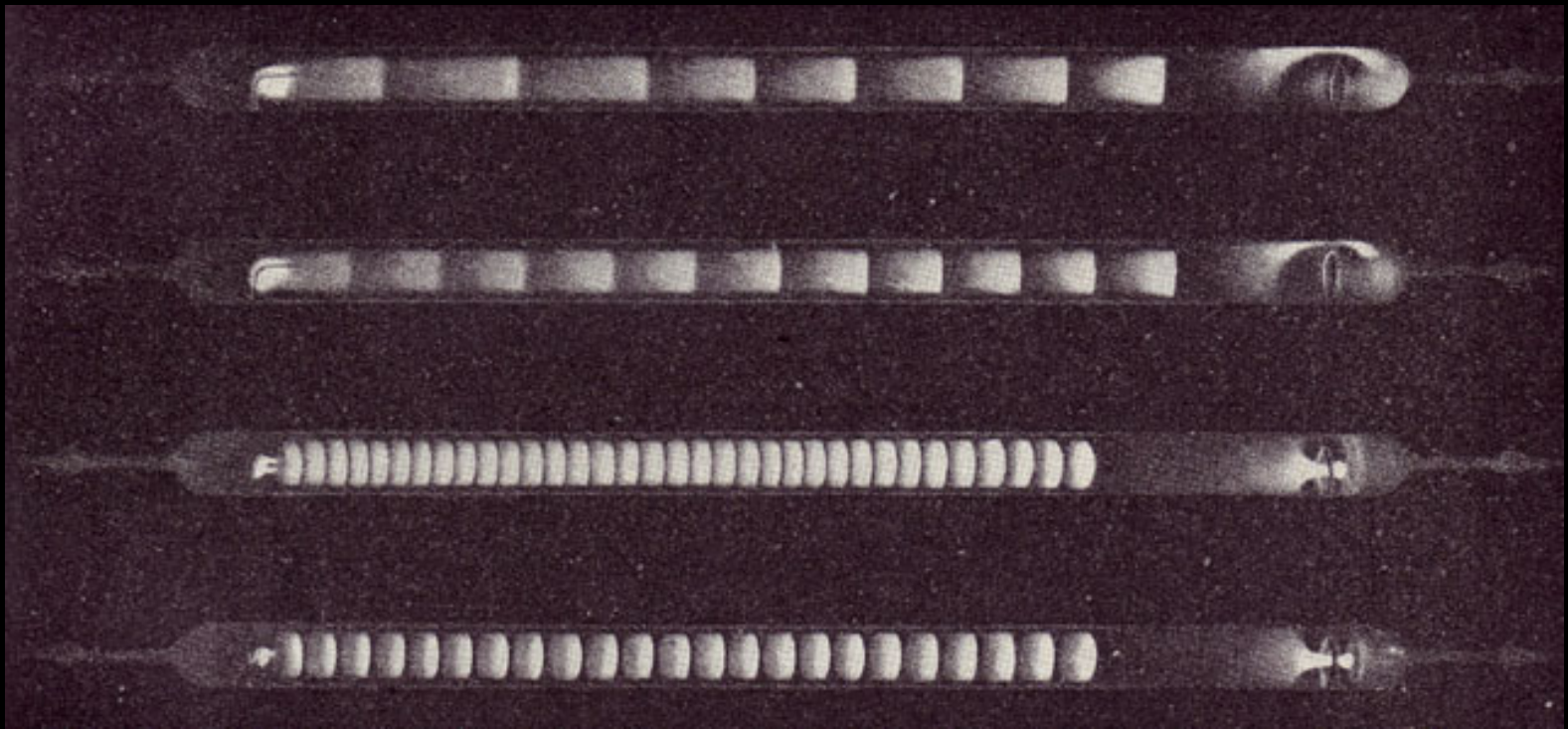




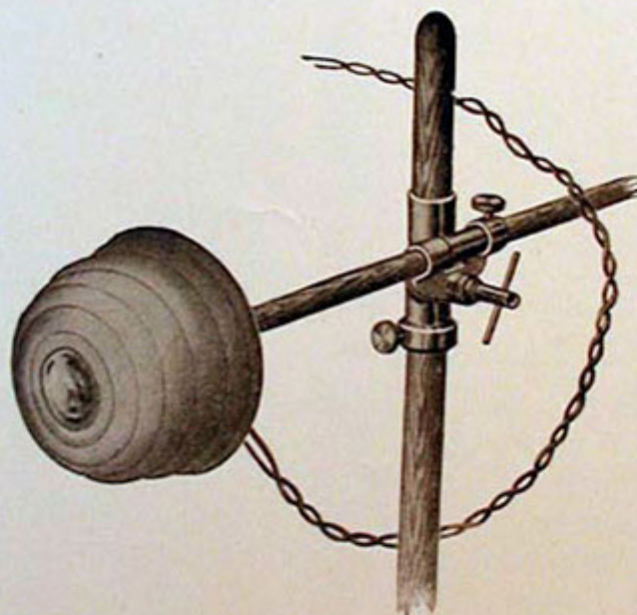
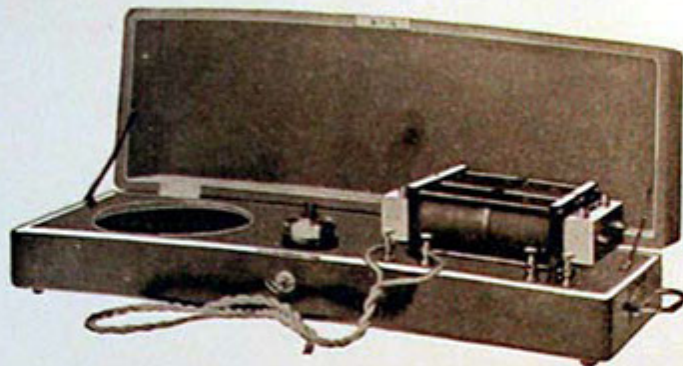








*SWETT & LEWIS COMPANY*



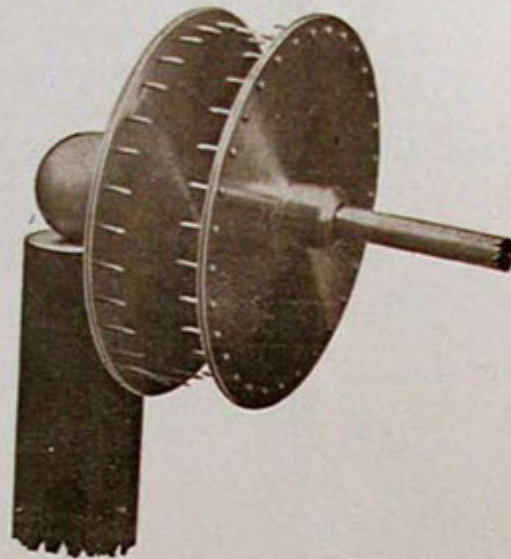
case removed a slight humming is heard. This lamp may be supported by any available stand. It is, however, designed with special reference to the floor stand illustrated on page 17 of this bulletin.

In connection with this stand, the lamp may be placed at any angle or height, and rotated in any direction with ease. The patient may be brought near to or touching the lens, so that the rays may be brought into direct contact with the desired area. Very little heat is generated and no cooling or color-



SWEET & LEWIS COMPANY

## Spark Regulator for Coil



The cut shown above gives a good idea of this very useful attachment. It was designed specially for use with the Kinraide Coil, but may be used with any coil. Its special use is to introduce a resistance into the circuit with the patient or electrode, while using the high frequency electrodes. By its use the current may be regulated with great exactness.

---

Price . . . . . \$4.00 per pair. Code word, Clisson

## X-Ray Plates

5	x 7	.	.	.	.						
6 $\frac{1}{2}$	x 8 $\frac{1}{2}$	.	.	.	.	\$1.40	per dozen.	Code word,	Einhergang		
8	x 10	.	.	.	.	2.30	per dozen.	Code word,	Einhüllen		
10	x 12	.	.	.	.	3.40	per dozen.	Code word,	Einimpfen		
11	x 14	.	.	.	.	5.50	per dozen.	Code word,	Einjährig		
		.	.	.	.	7.00	per dozen.	Code word,	Einjagen		

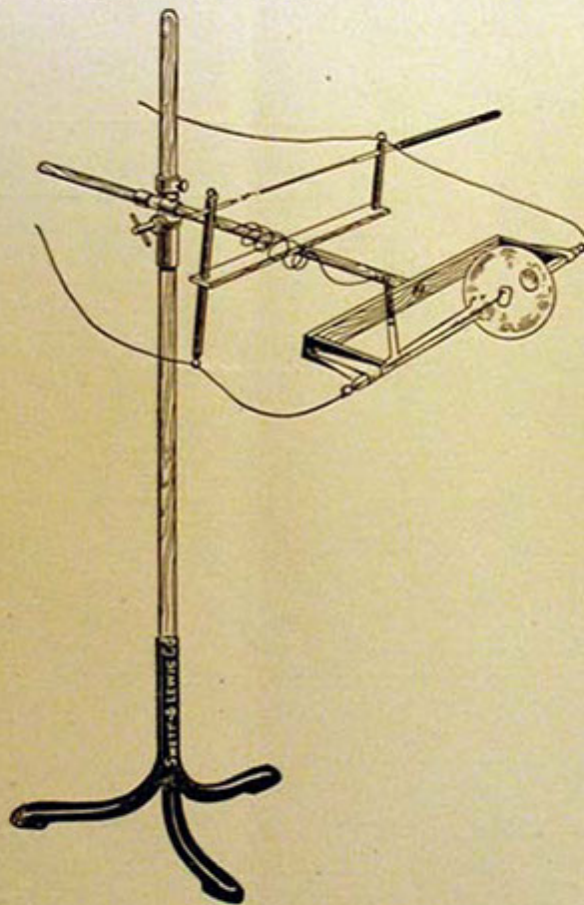
A supply of the above sizes always in stock. These plates are specially wrapped in light proof paper, no plate holder being required for use with the X-ray.



# SWETT & LEWIS COMPANY

## Tube Stands

In connection with the adjustable vacuum tubes using the chemical adjuster, and with those used with the Kinraide Coil, we would advise the floor tube stand shown in cut, as it has in combination with it a regulator so arranged that the vacuum in the tube may be held at any point desired.

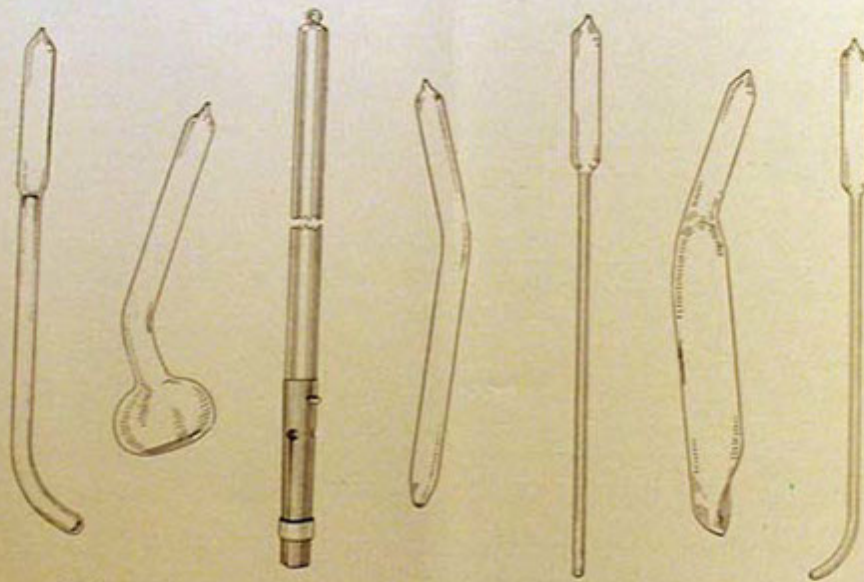


Floor Tube Stand, with Adjustable Spark Gap,	\$10.00	Code word, Finados
Set of Cords, heavily insulated	1.00	Code word, Finances
Small Wood Tube Stand	2.00	Code word, Finage
Arm, 3 feet long, for use in place of ball and point in stand usually furnished with static machines	1.50	Code word, Finalista



# SWETT & LEWIS COMPANY

To meet the demand for vacuum electrodes to fit into a common handle, we have produced the following set of six of the ones most used. The general design is the same as of those illustrated, except that the electrodes are made lighter, and as short as possible, and yet retain the good features.



The electrodes are as follows:

	Handle		
No. 3A	Rectal (without bulb)	\$1.25.	Code word, Koulbac
No. 5A	Urethral, curved	1.25.	Code word, Kouler
No. 7A	Urethral, straight	1.25.	Code word, Koulougli
No. 11A	Vaginal, with cupped end	1.25.	Code word, Koumiss
No. 14A	General external work	1.25.	Code word, Koupara
No. 20A	Eustachian	1.25.	Code word, Koupholite
			Code word, Kourakin

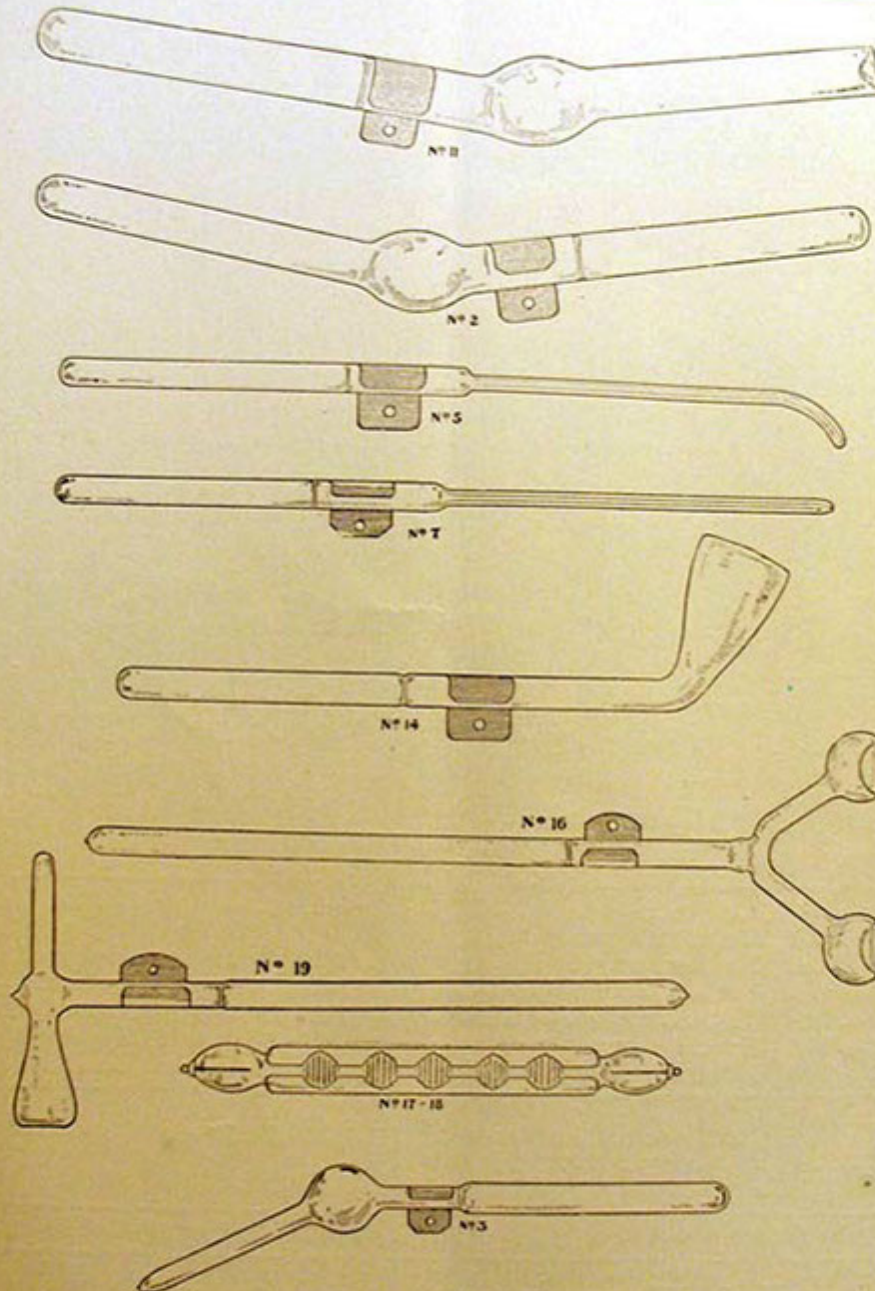
A firm insulating handle, fitted with a universal coupling, will complete the set.

Price for Set and Handle	\$5.00.	Code word, Koukarien
--------------------------	---------	----------------------

Special electrodes for any purpose, and of any shape, to order; price on application.



*SWETT & LEWIS COMPANY*



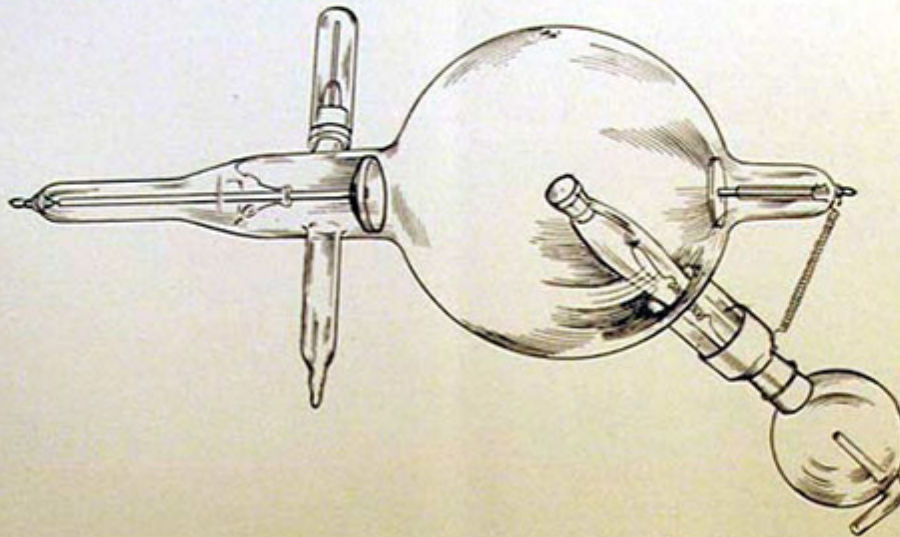
Vacuum Electrodes

[15]



*SWETT & LEWIS COMPANY*

Water Cooled Tube



In this tube we have incorporated all the good points of our other tubes, including massive anode, supported cathode and the platinum tube adjustment.

A large amount of water is brought into direct contact with the anode, thus keeping it cool even under very hard usage. The water reservoir holds a comparatively large amount, affording a good opportunity for circulation. The tube may be run long and hard without lowering the vacuum.

Price . . . . .	\$30.00	Code word, Derivamos
-----------------	---------	----------------------

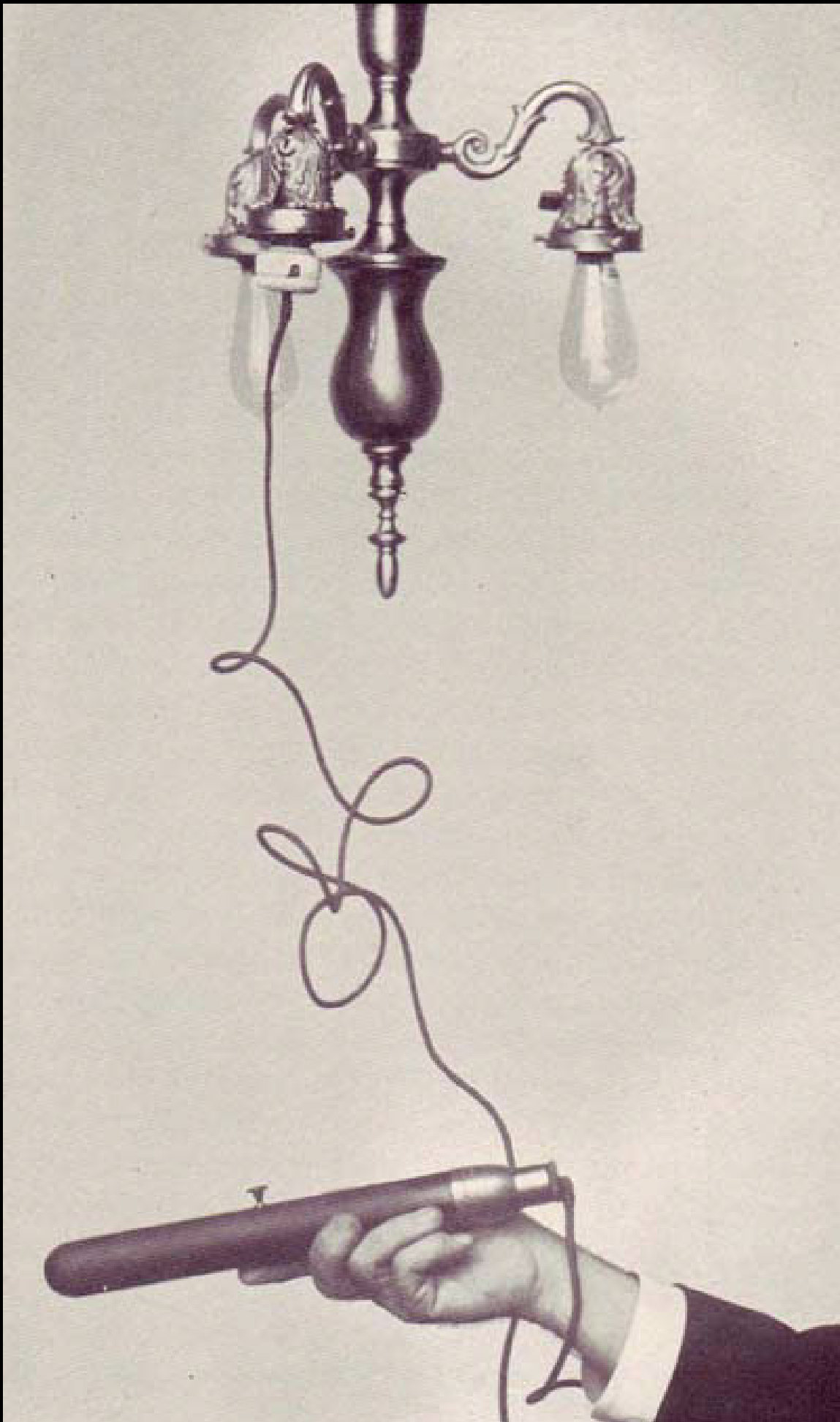
A credit will be allowed for return of terminals in case of breakage.

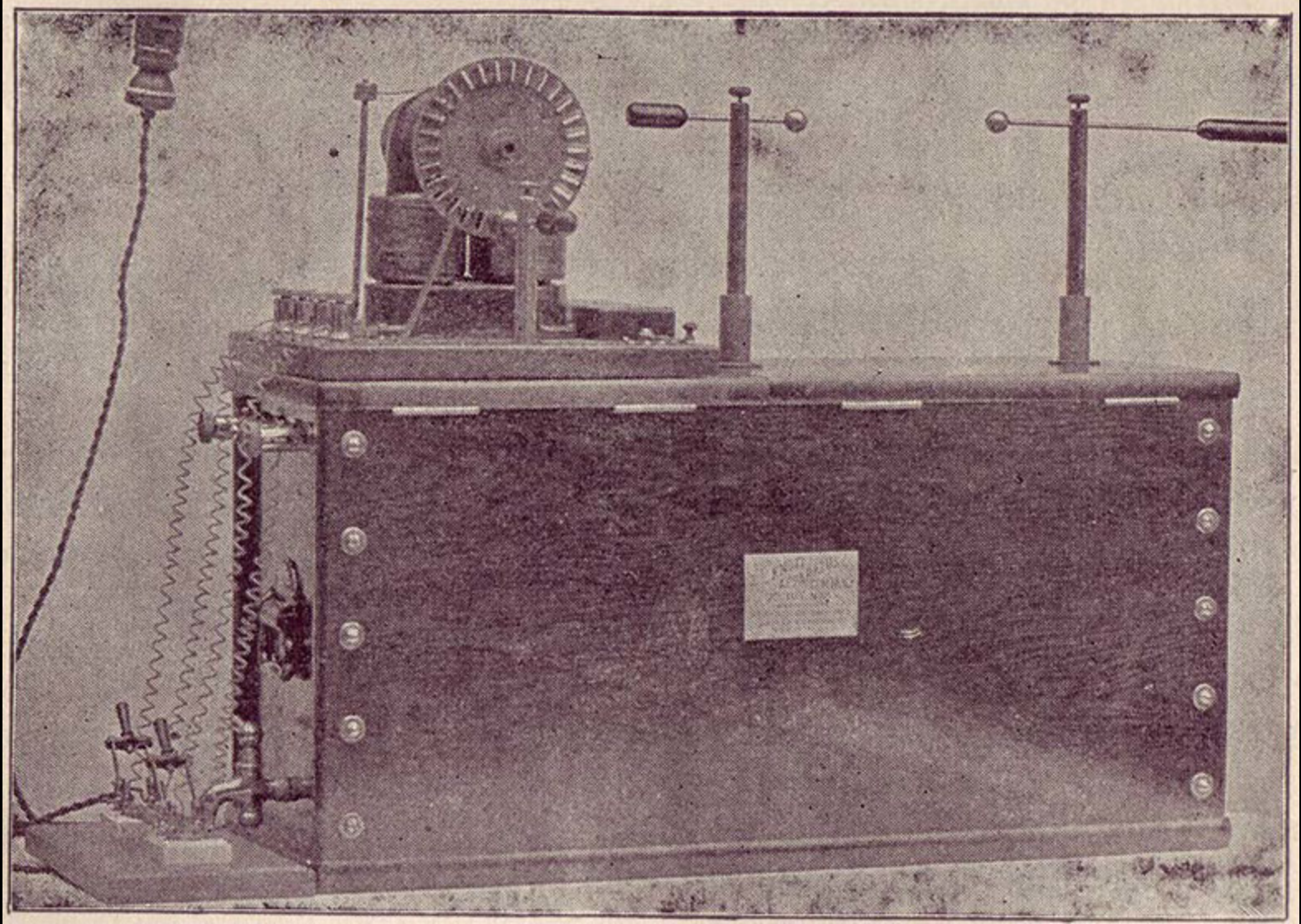
Vacuum Electrodes

To meet the demand for a high-grade, substantial vacuum electrode, we have designed and manufactured those shown in the following cuts. These electrodes are made from a special glass, which prevents puncture. They are carefully pumped to the right degree of vacuum to produce the best color effects.

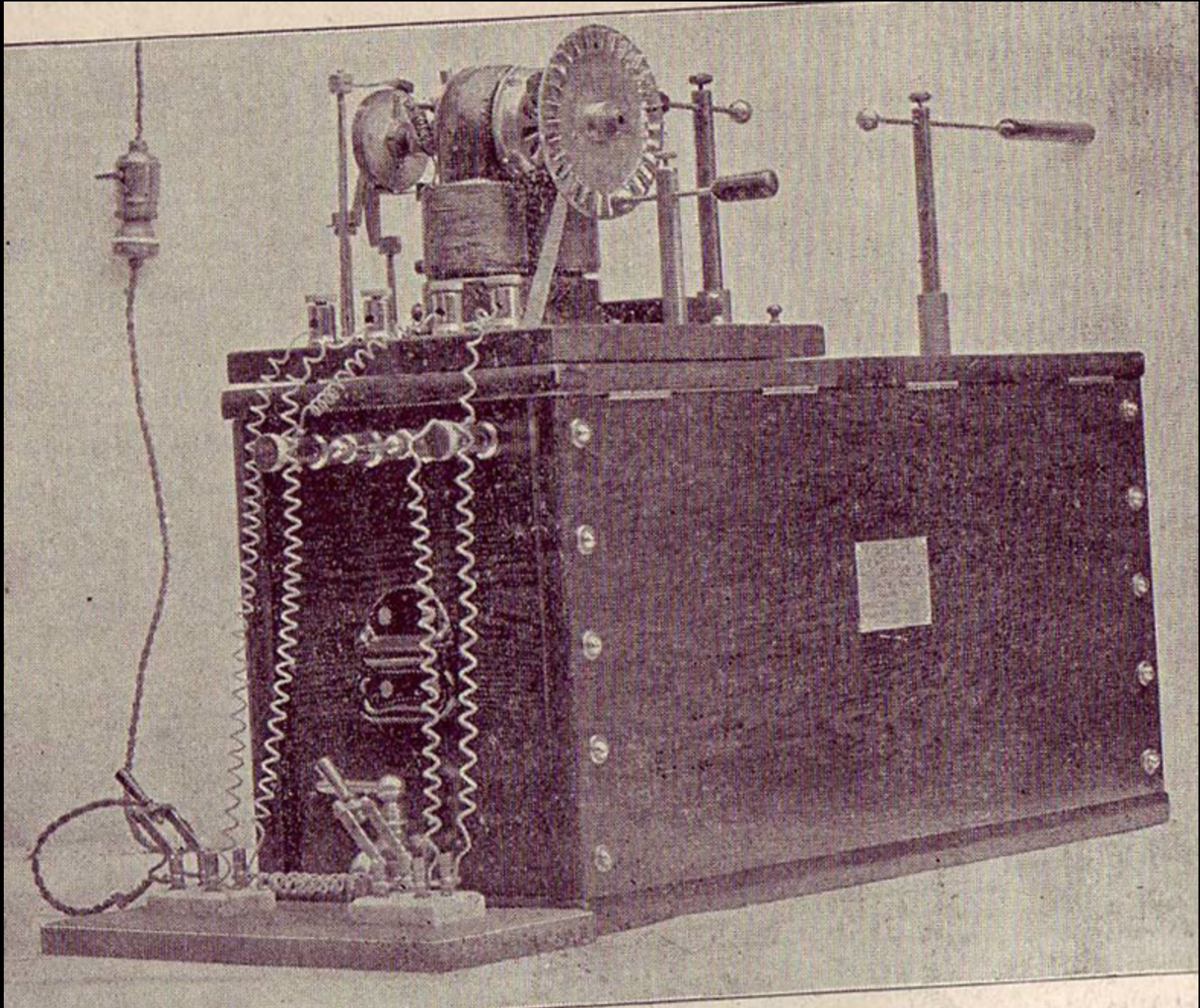
[13]



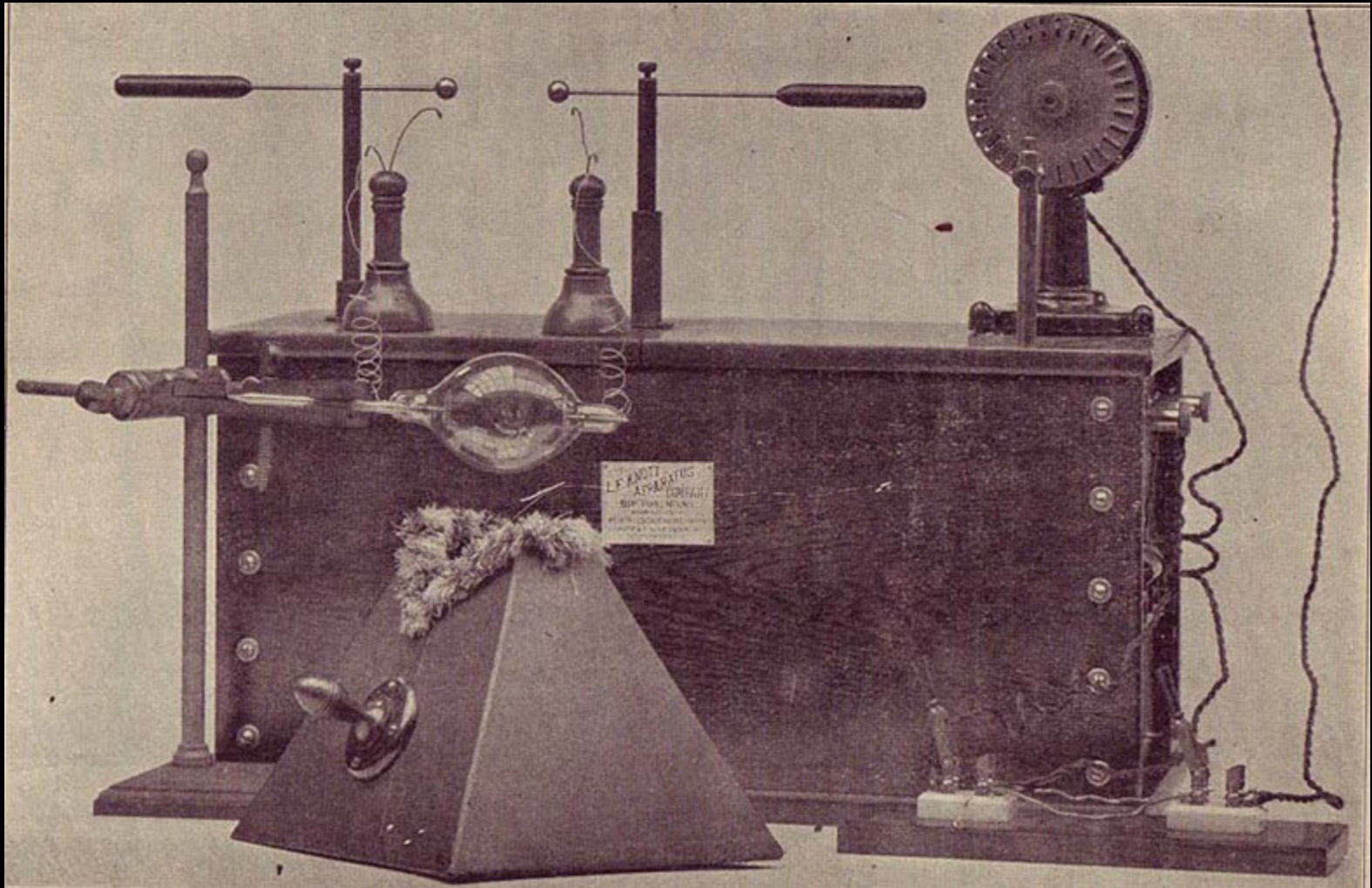






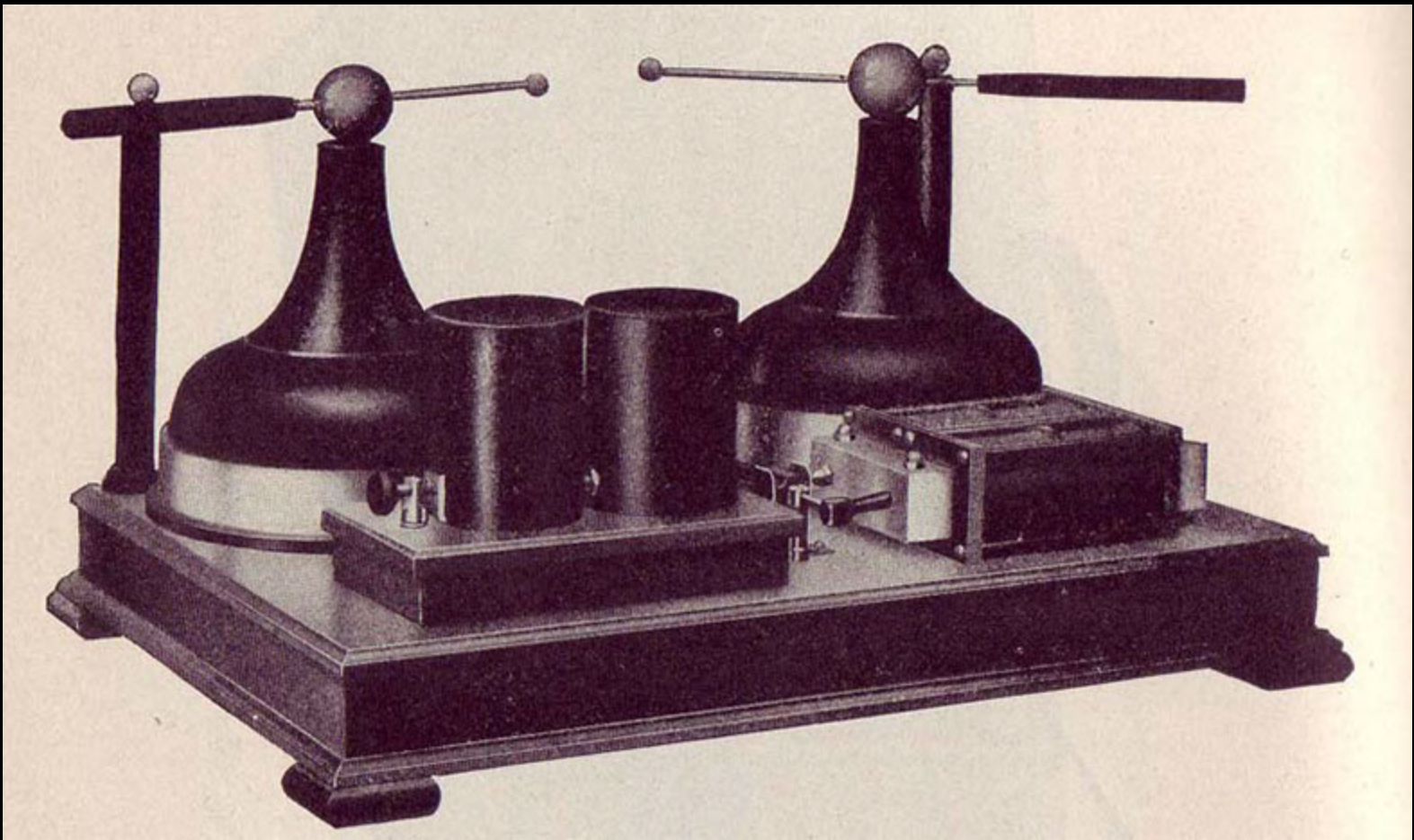




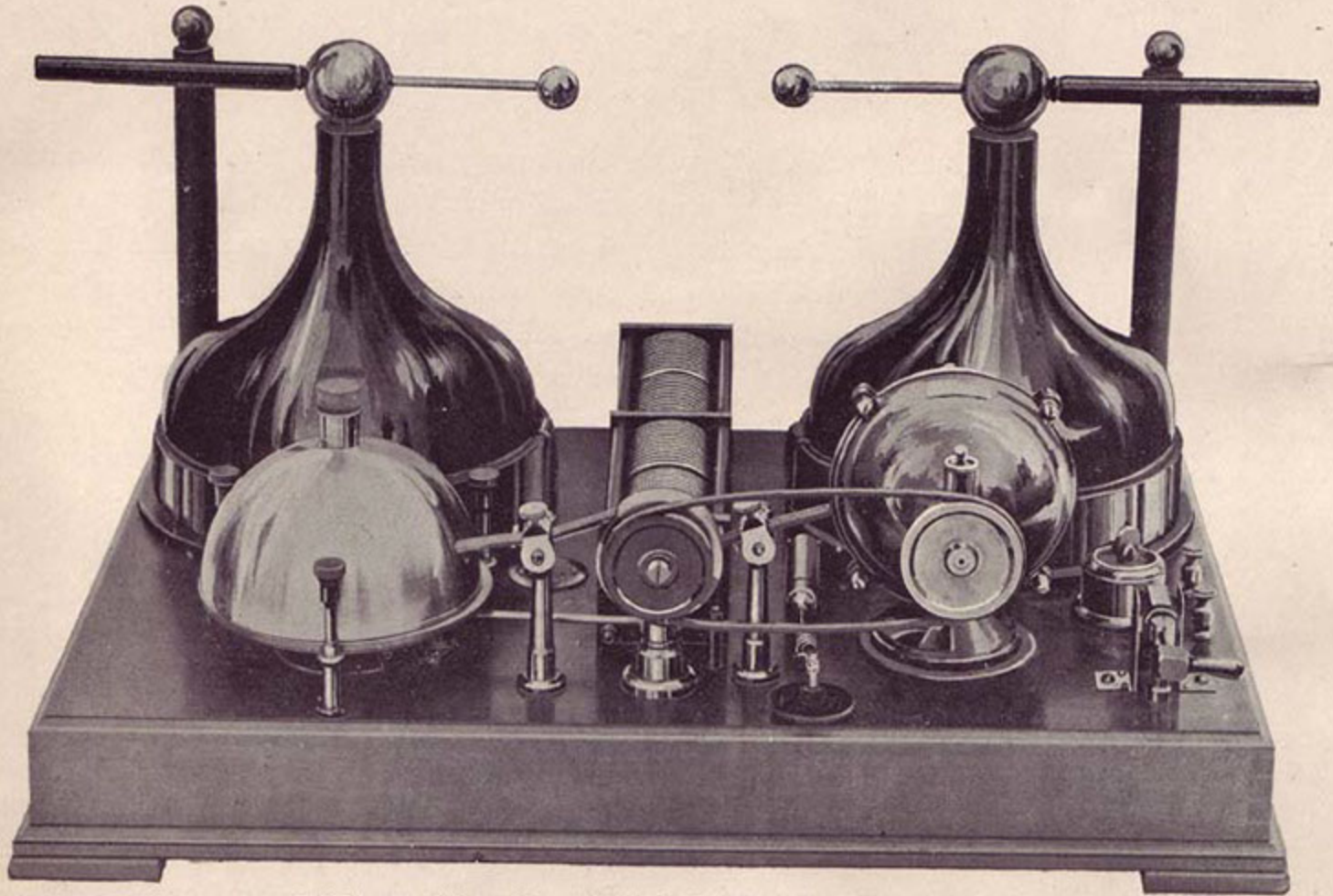




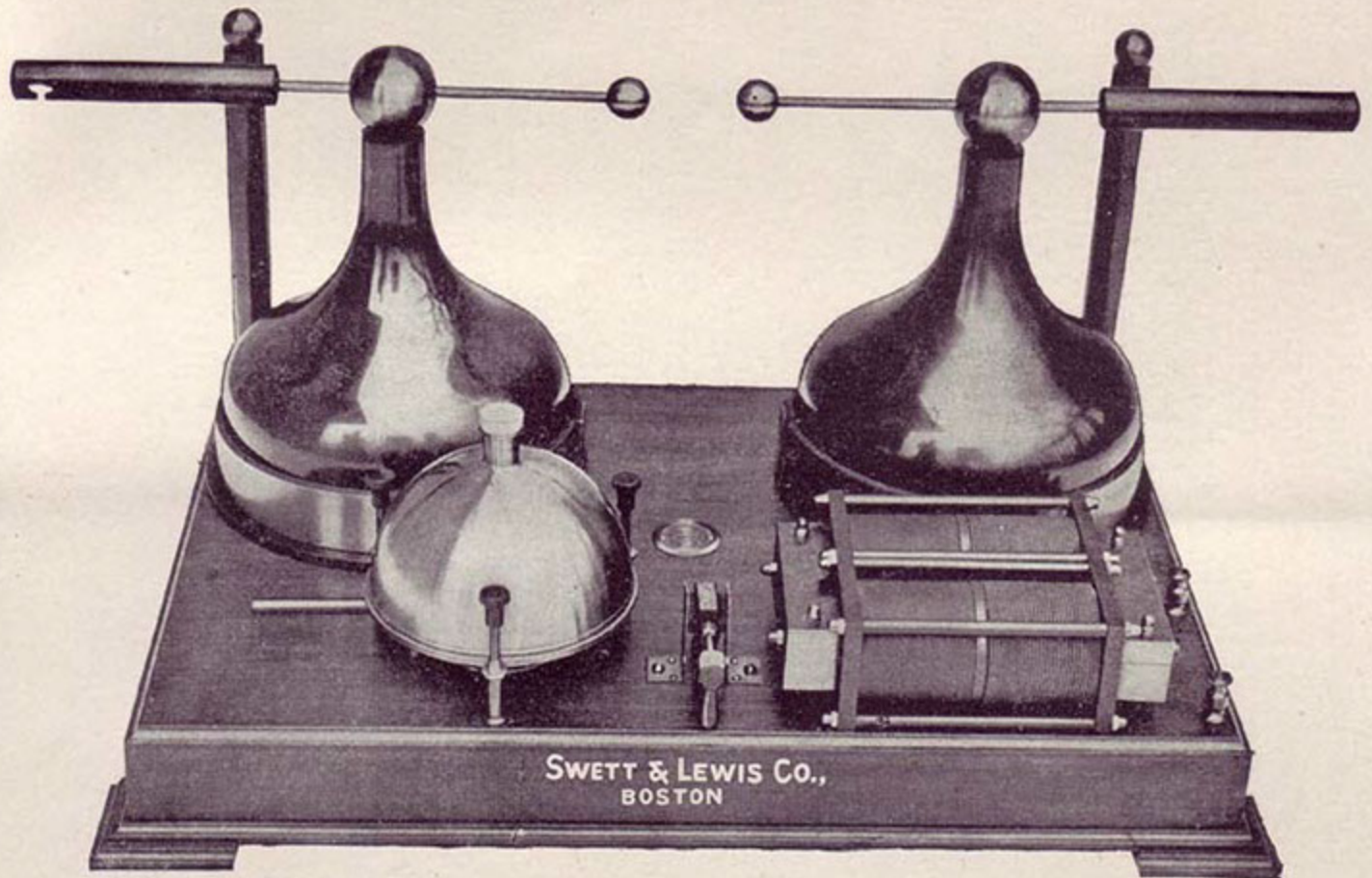






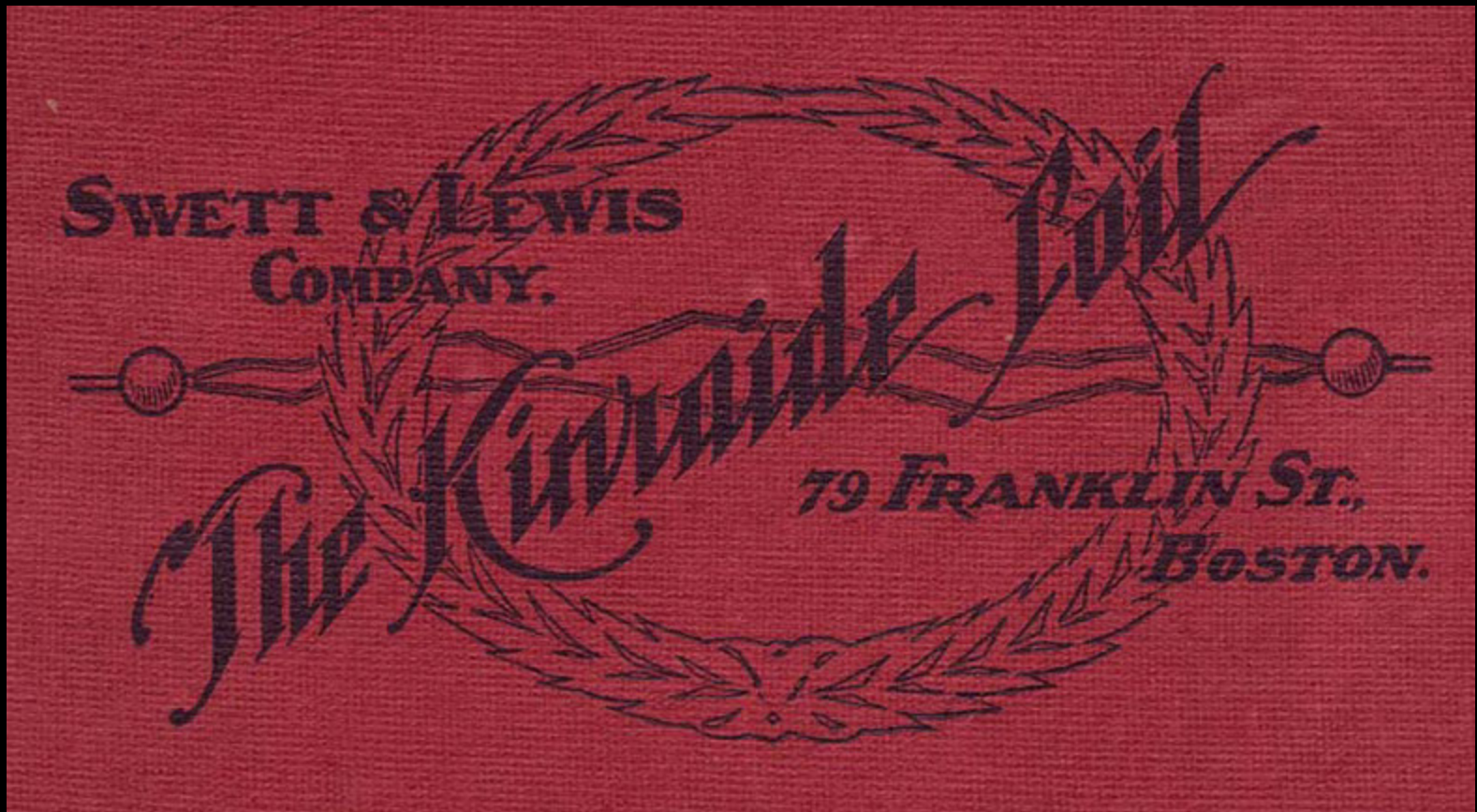


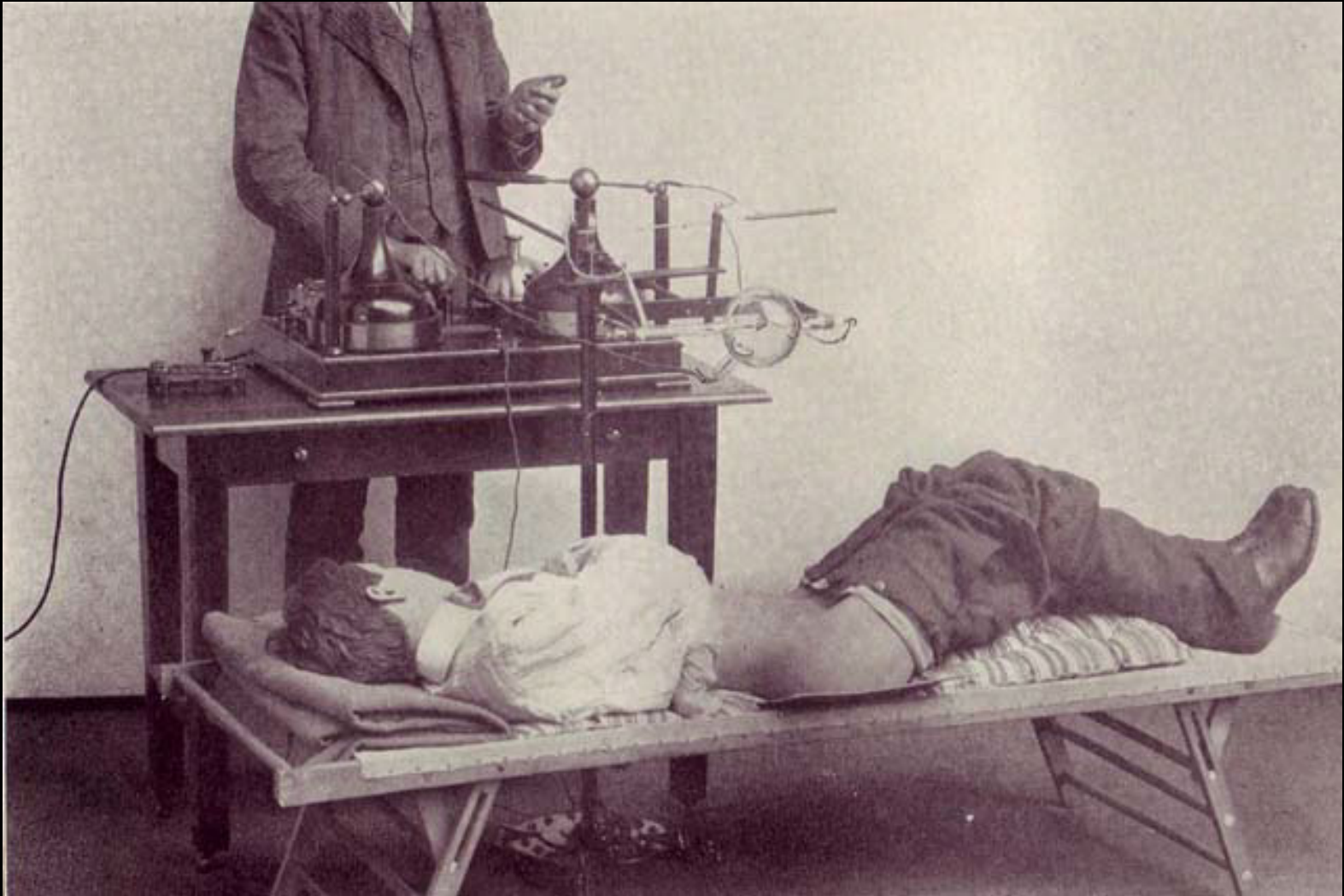
THE KINRAIDE HIGH FREQUENCY COIL



THE KINRAIDE HIGH FREQUENCY COIL, ALTERNATING CURRENT



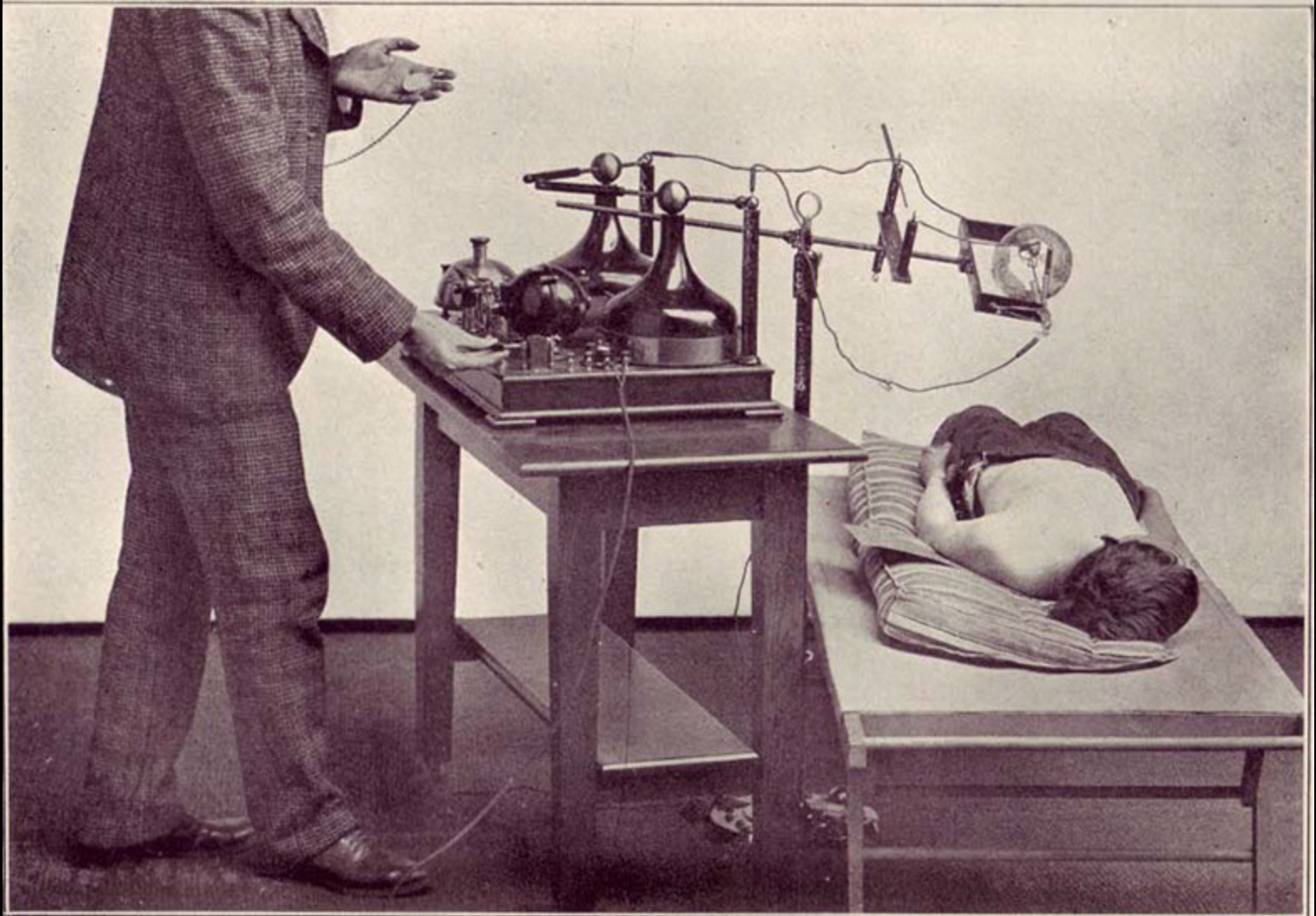




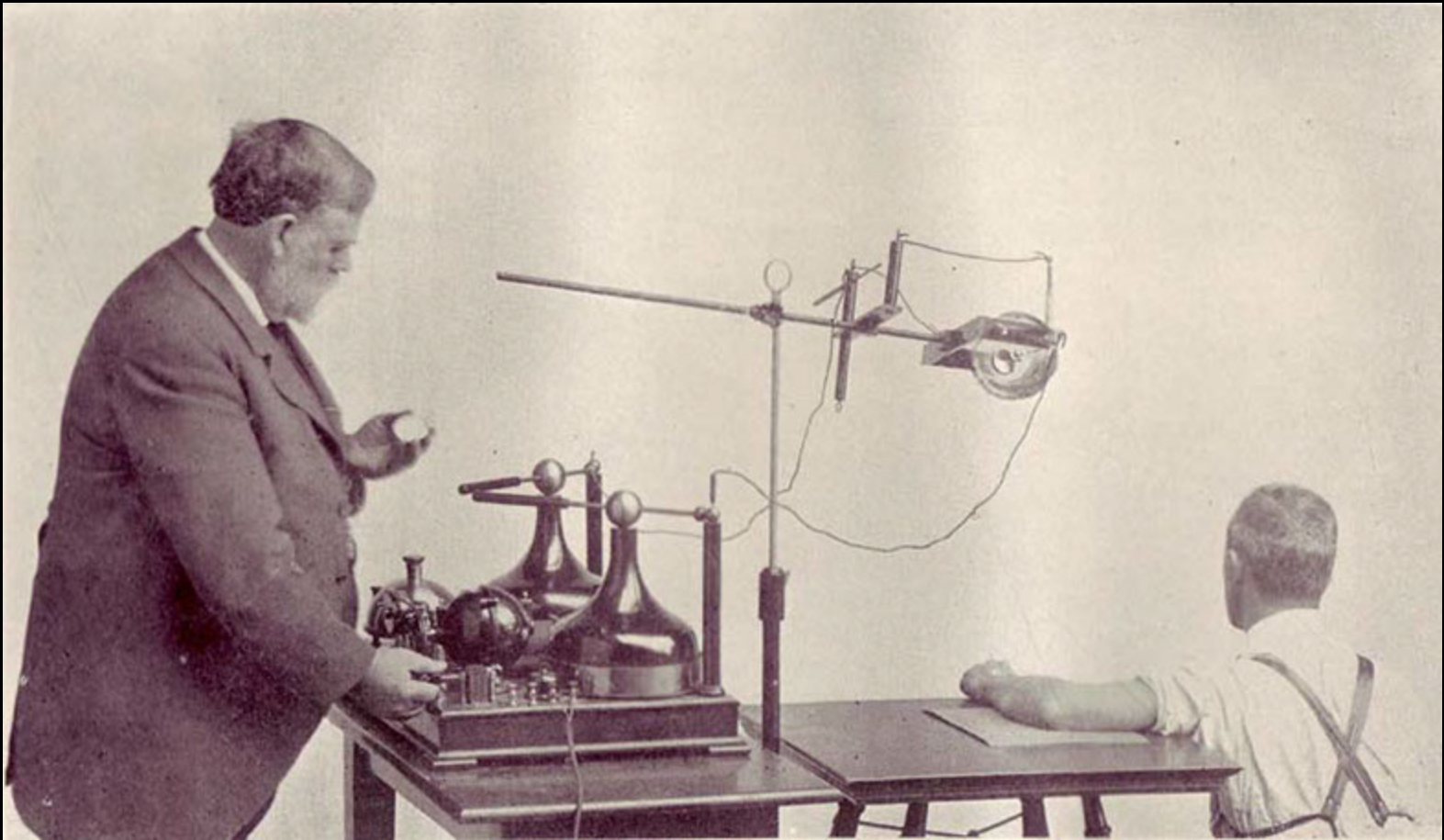






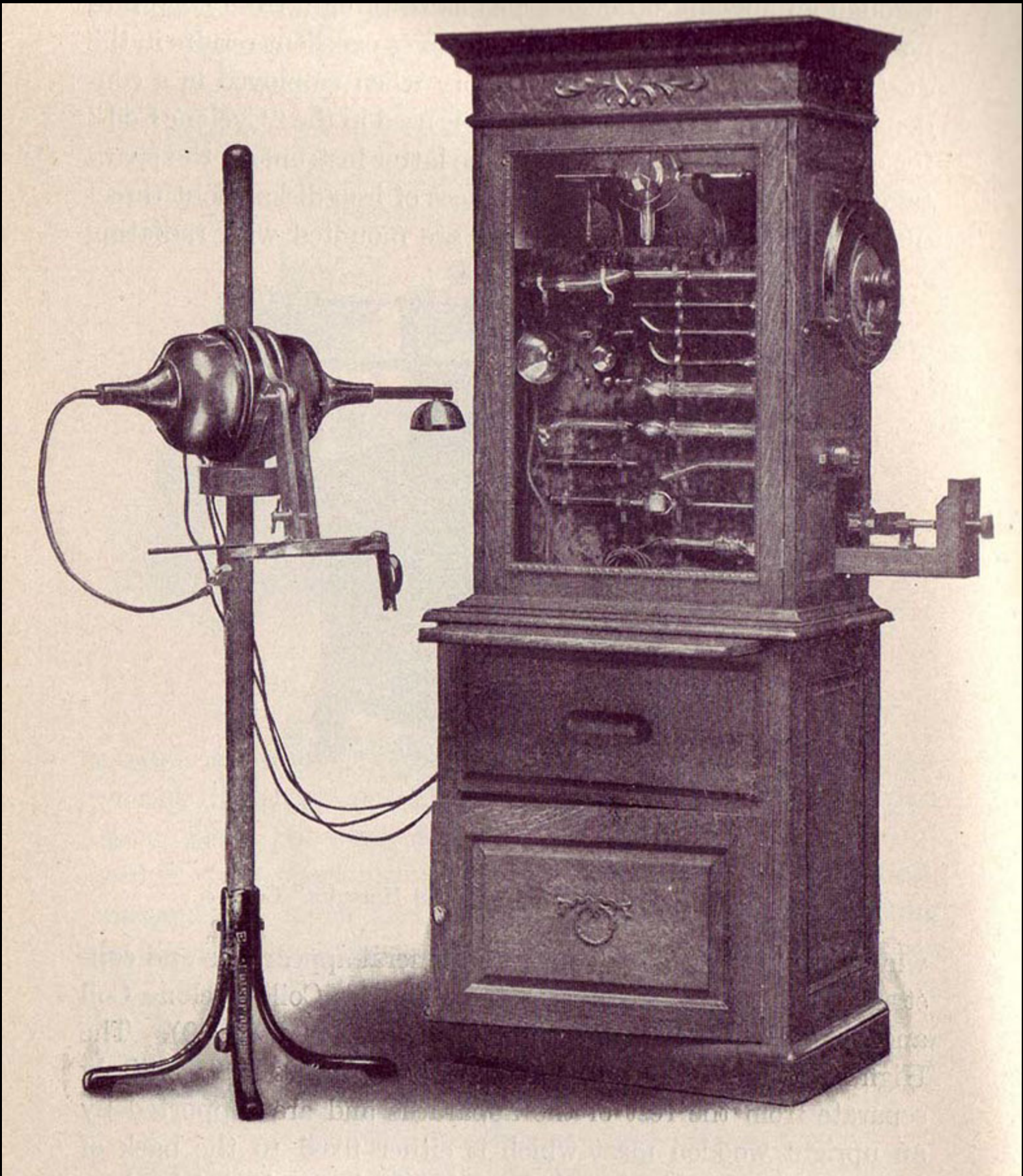


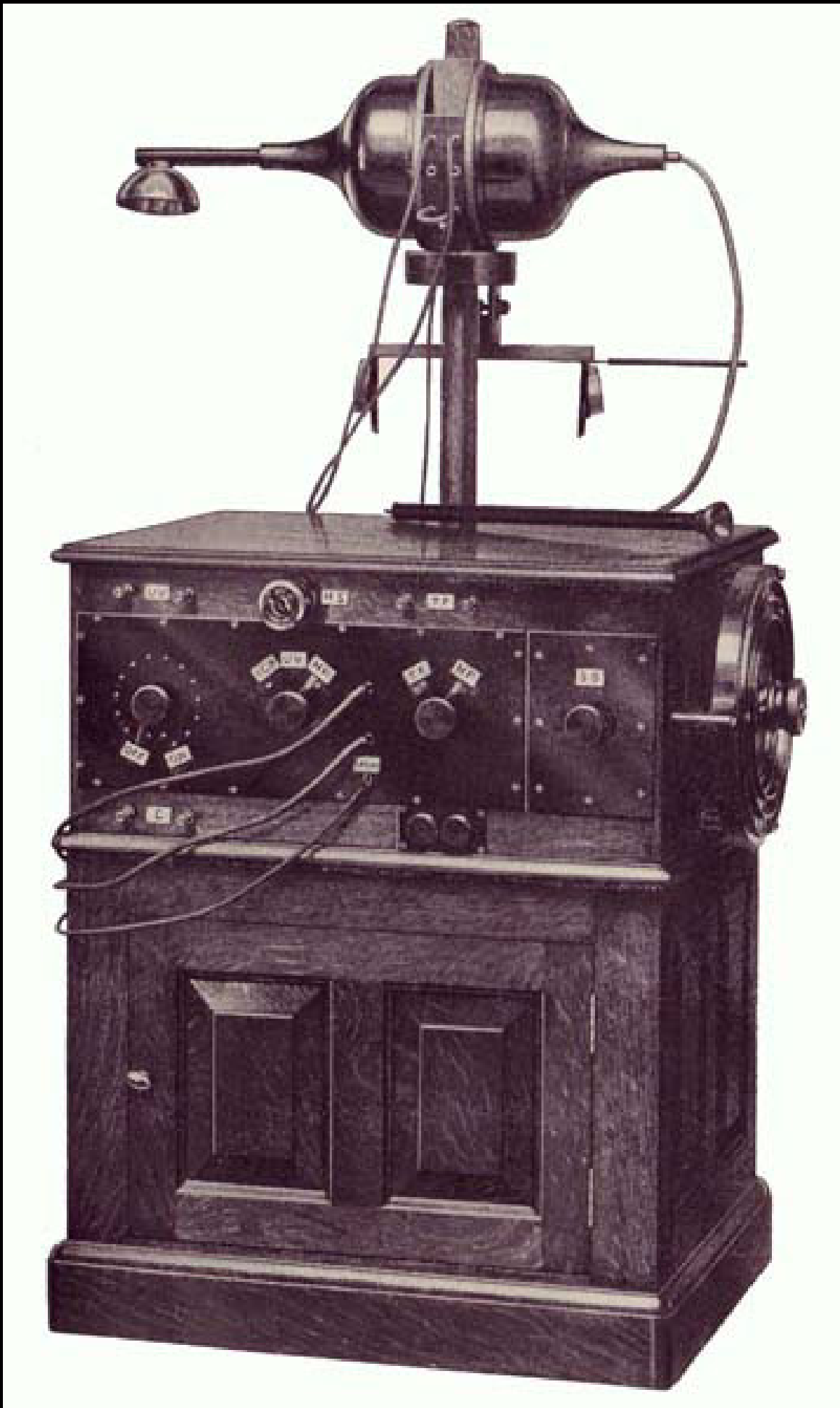




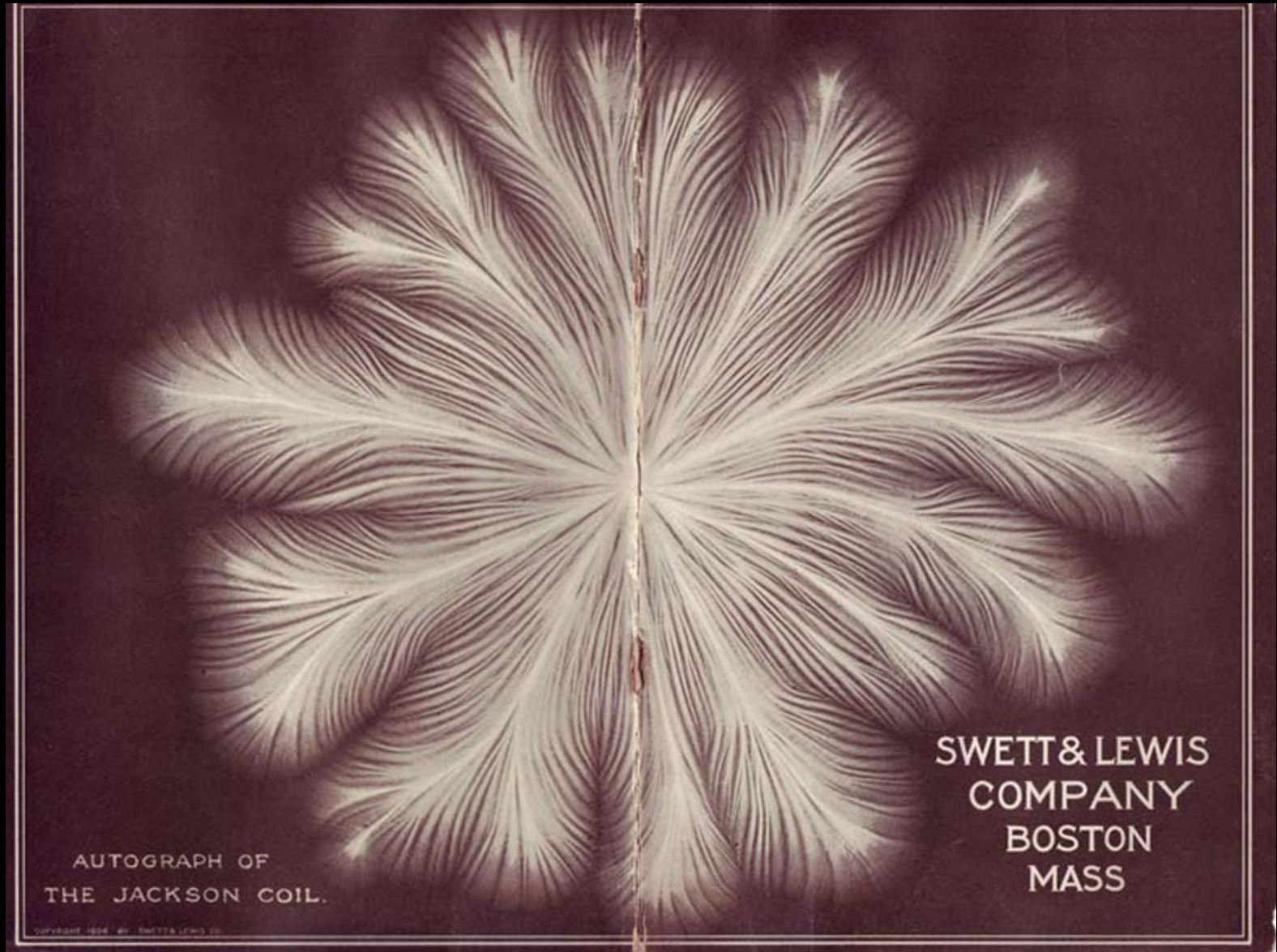








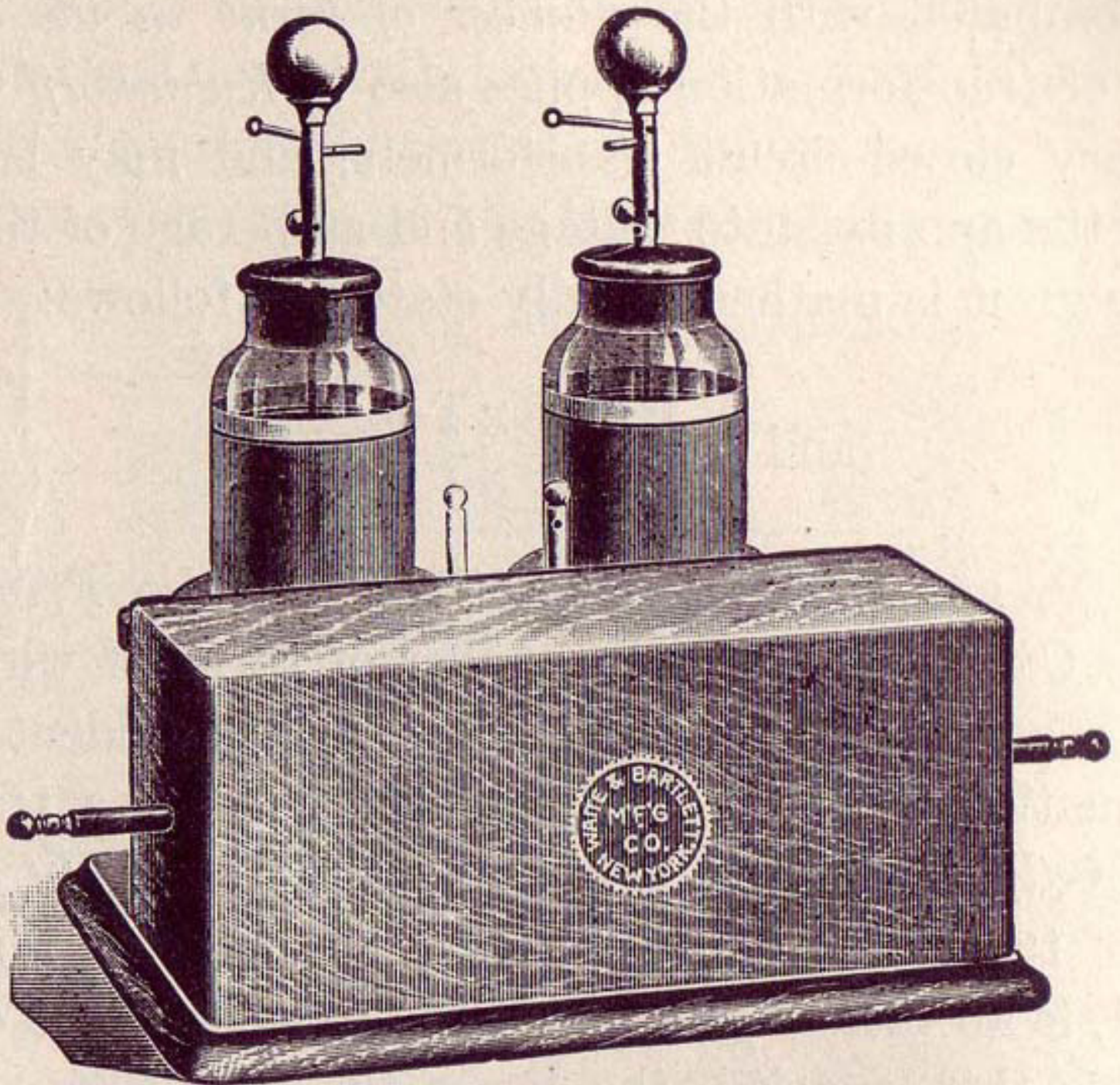




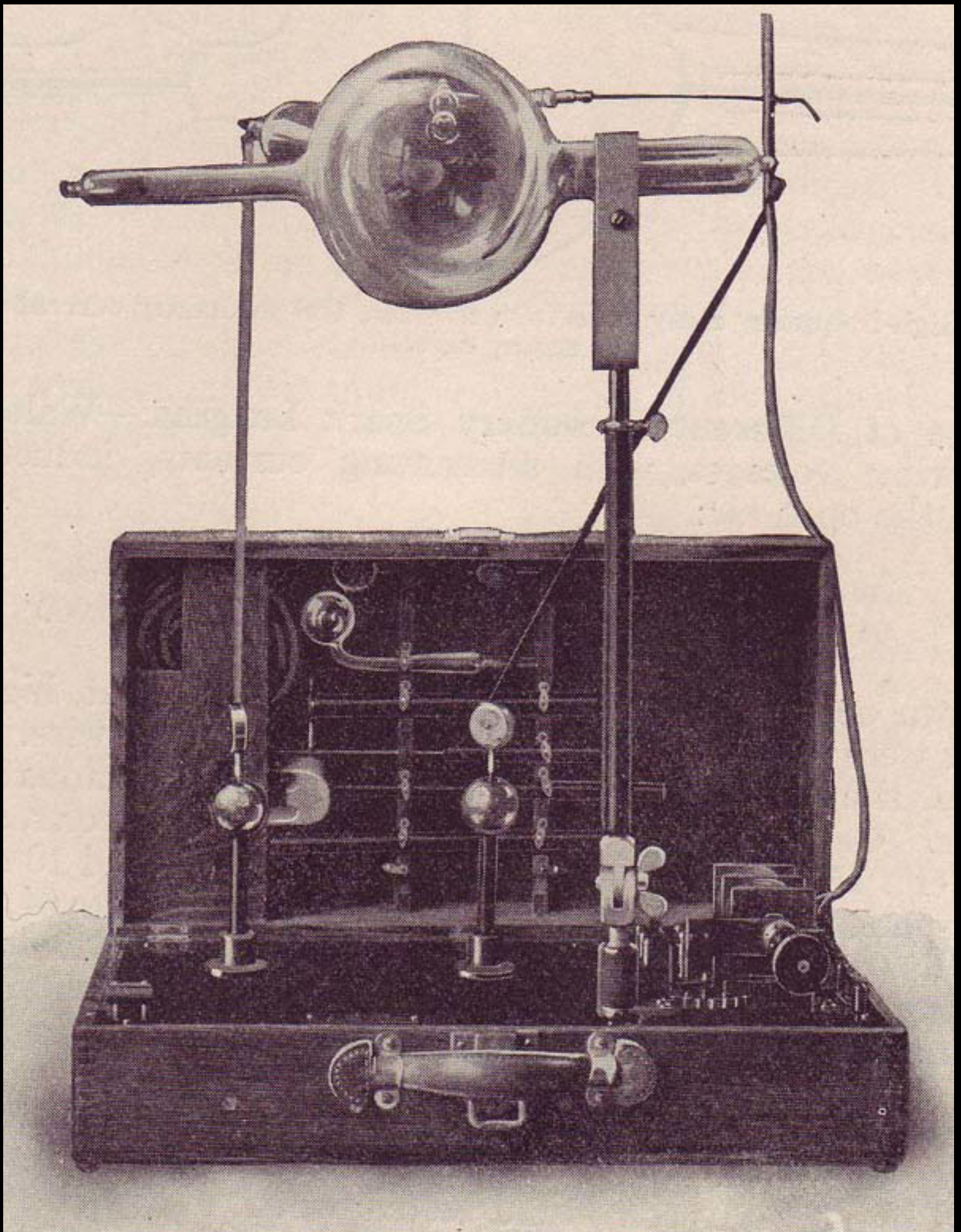
AUTOGRAPH OF  
THE JACKSON COIL.

SWETT & LEWIS  
COMPANY  
BOSTON  
MASS

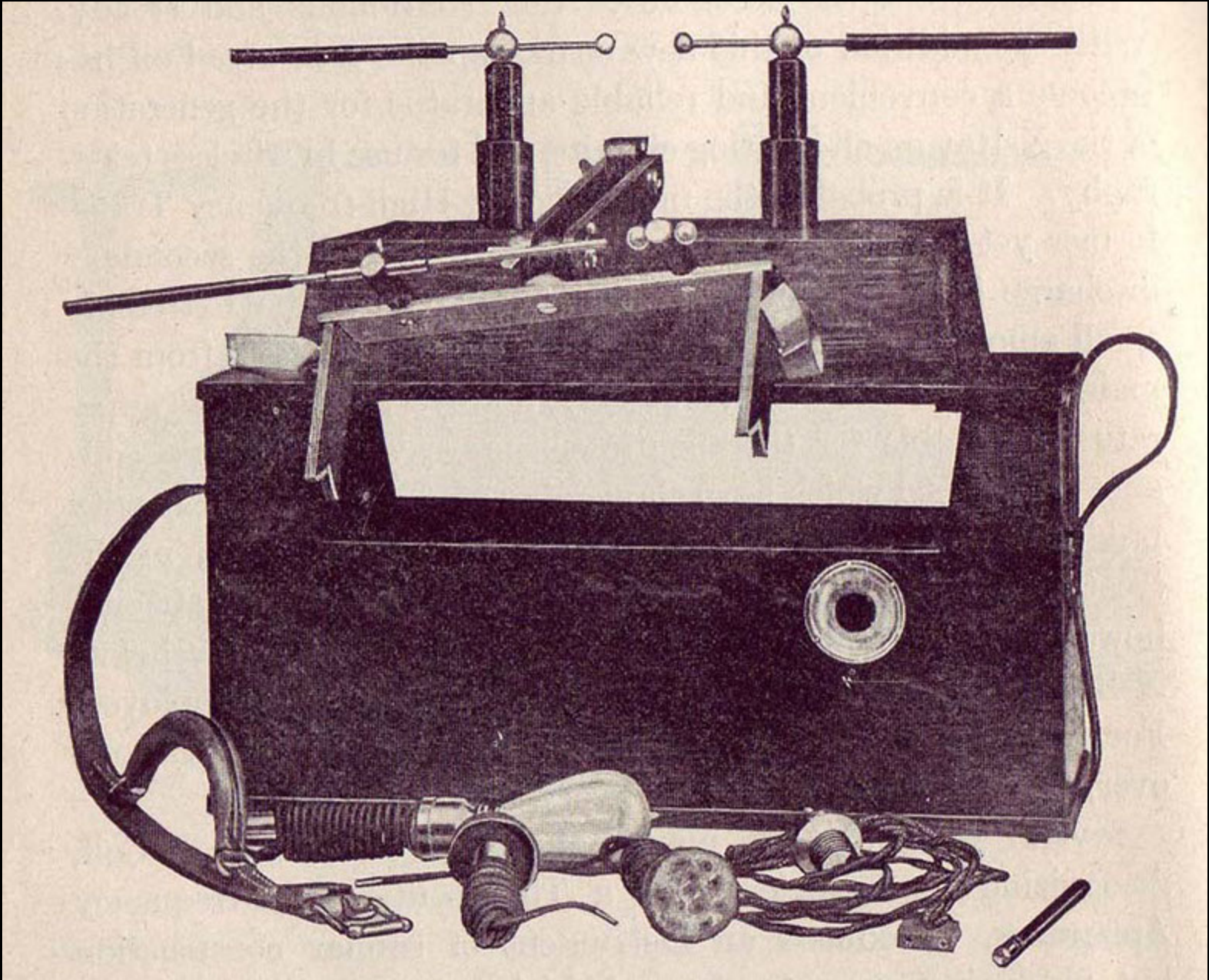
COPYRIGHT 1904 BY SWETT & LEWIS CO.



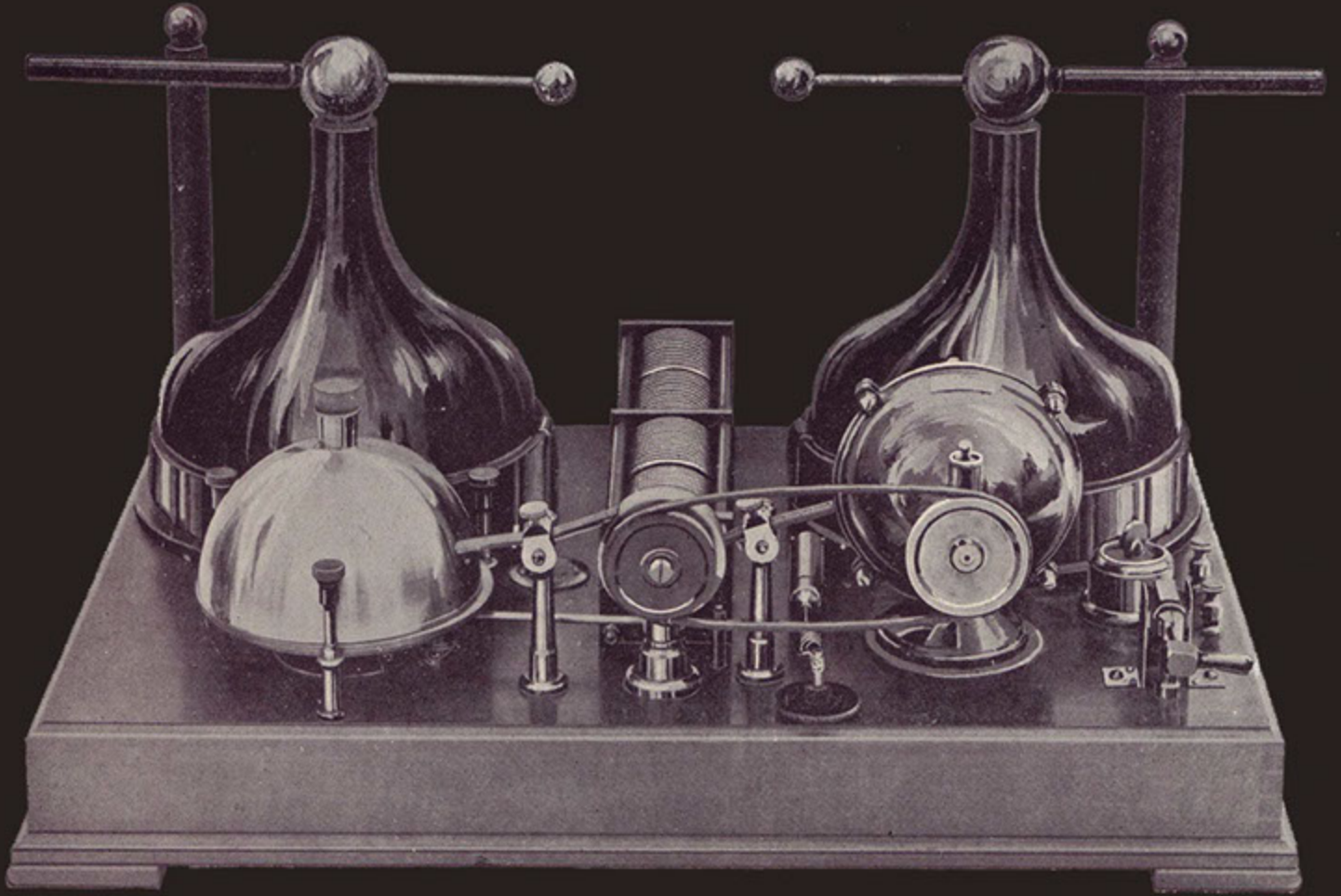


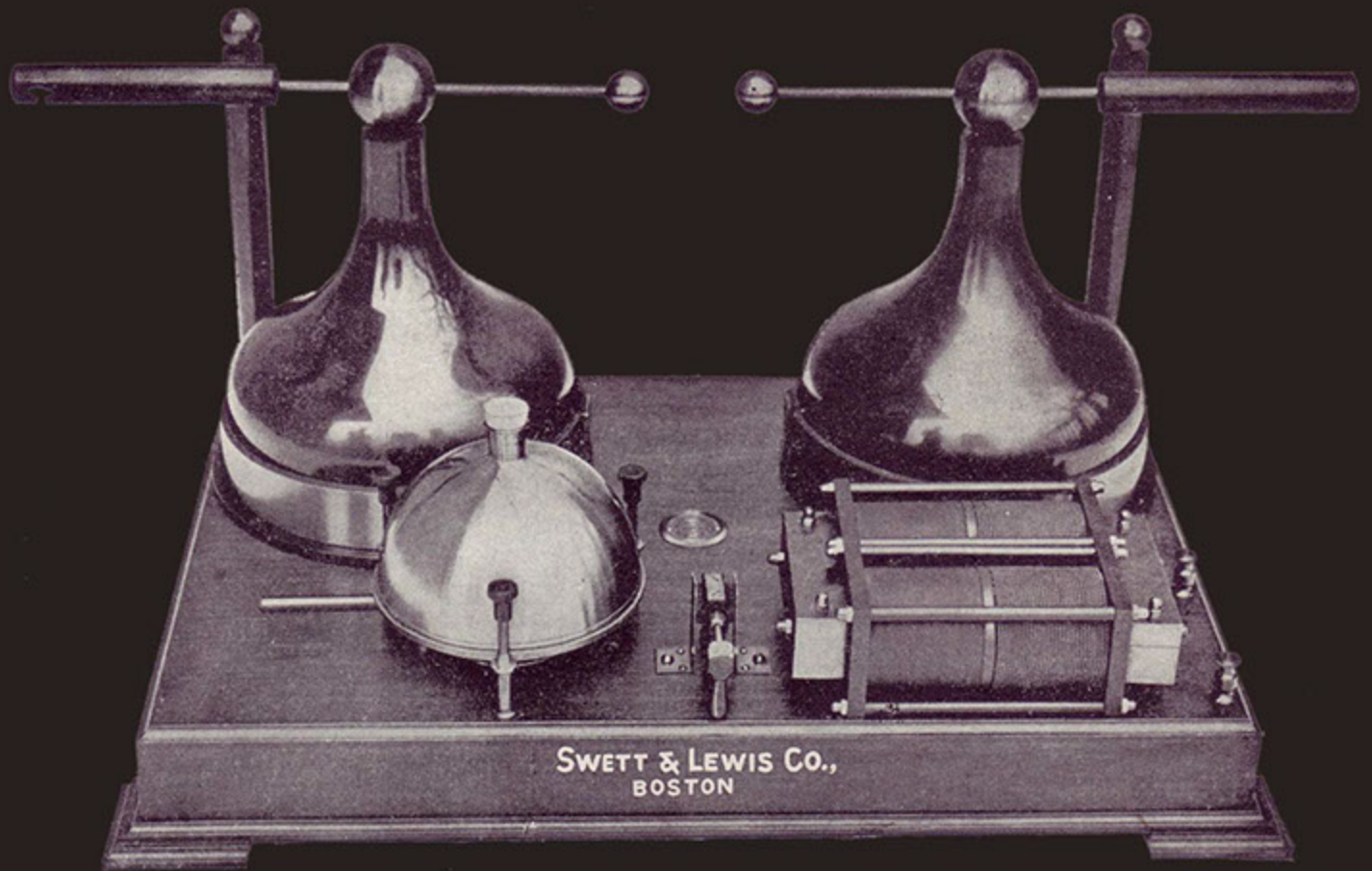




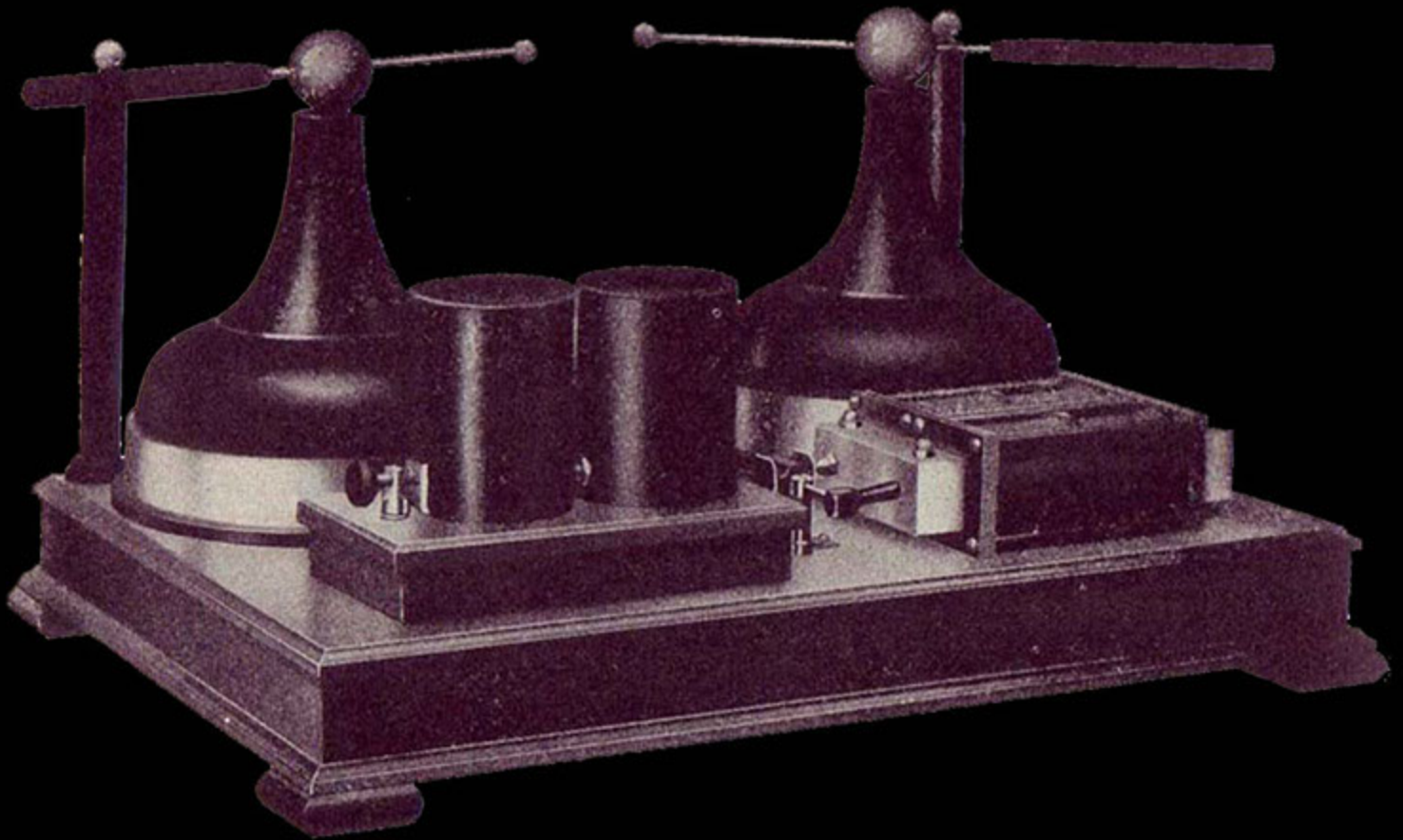


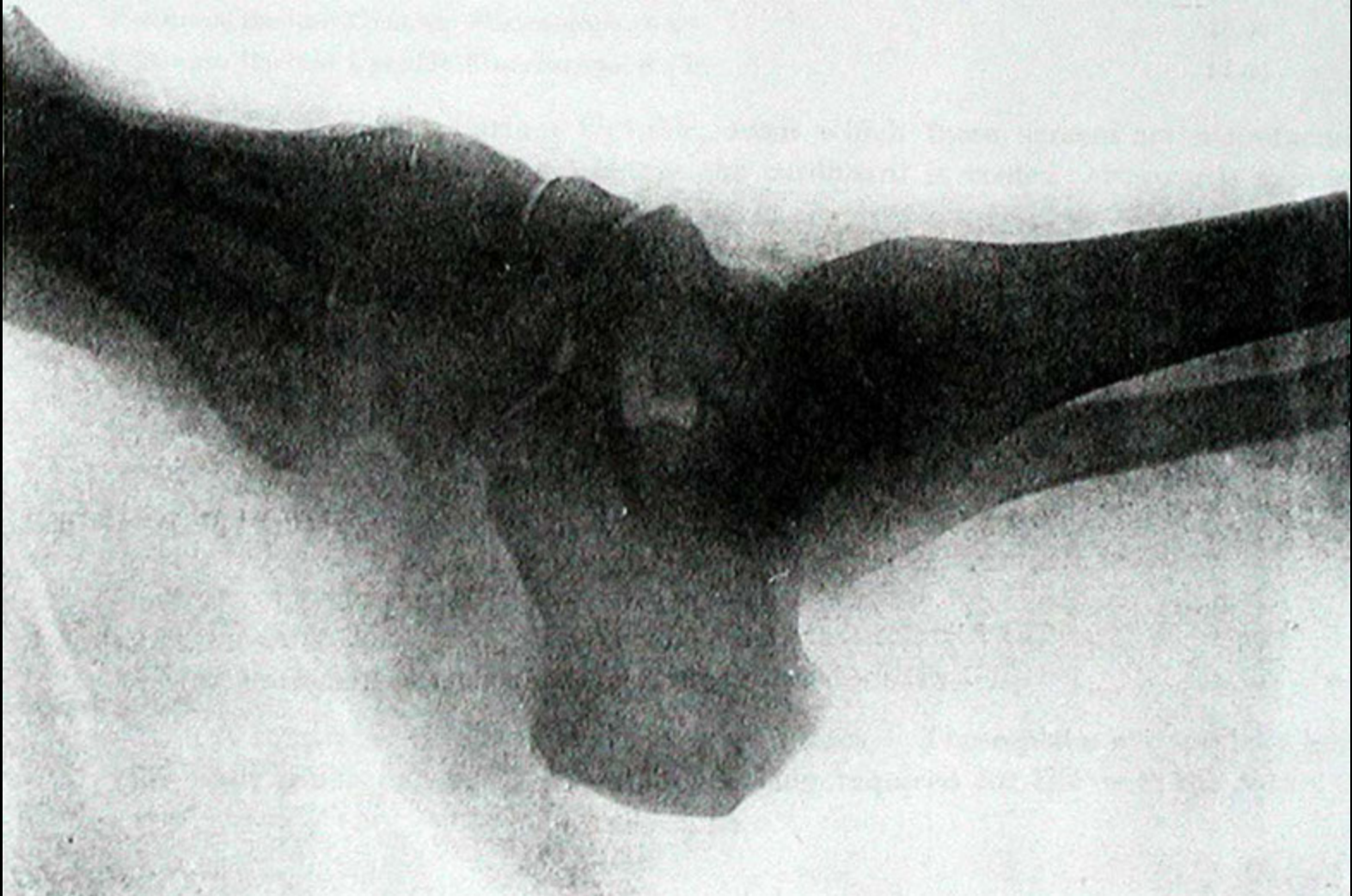




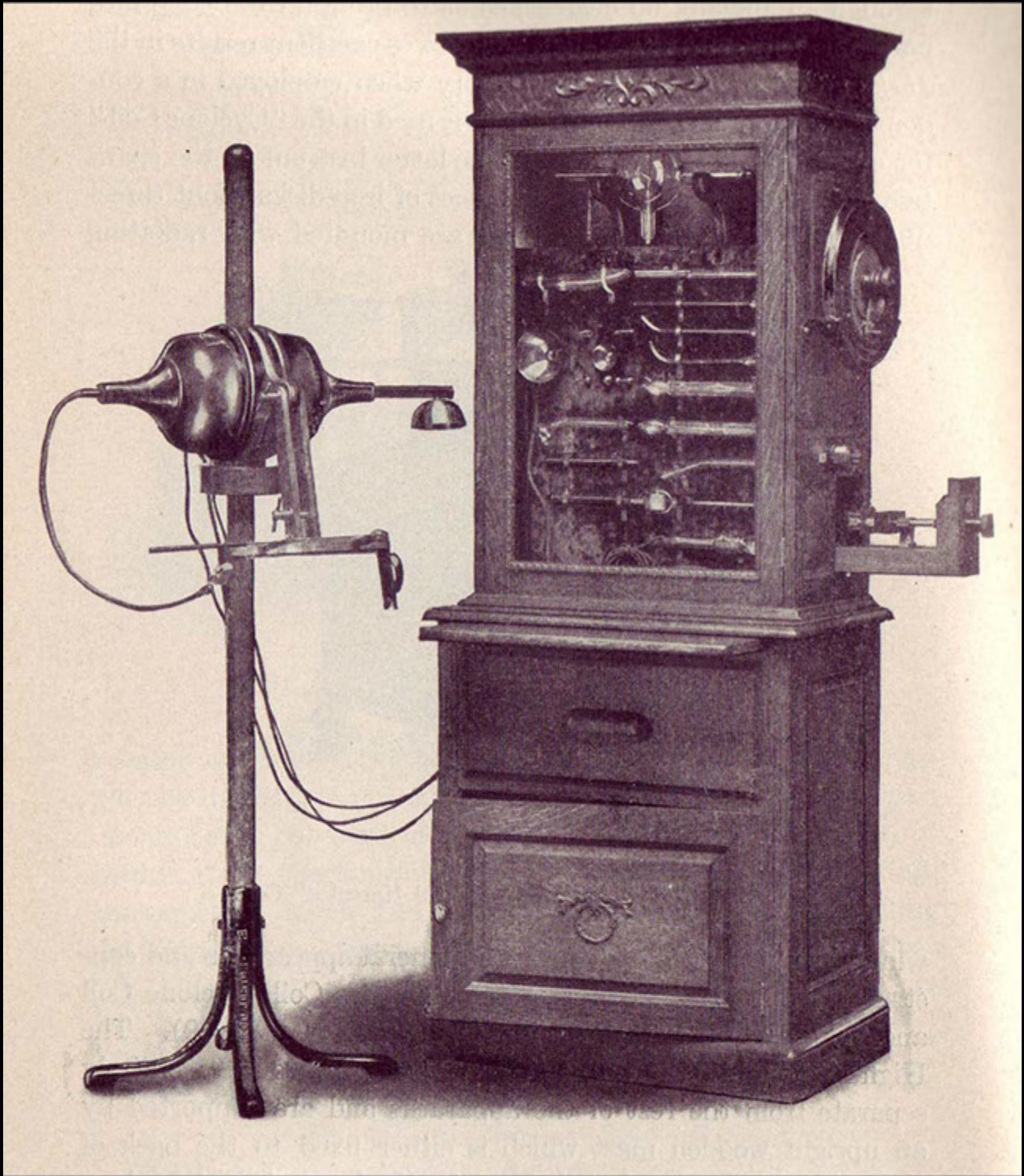


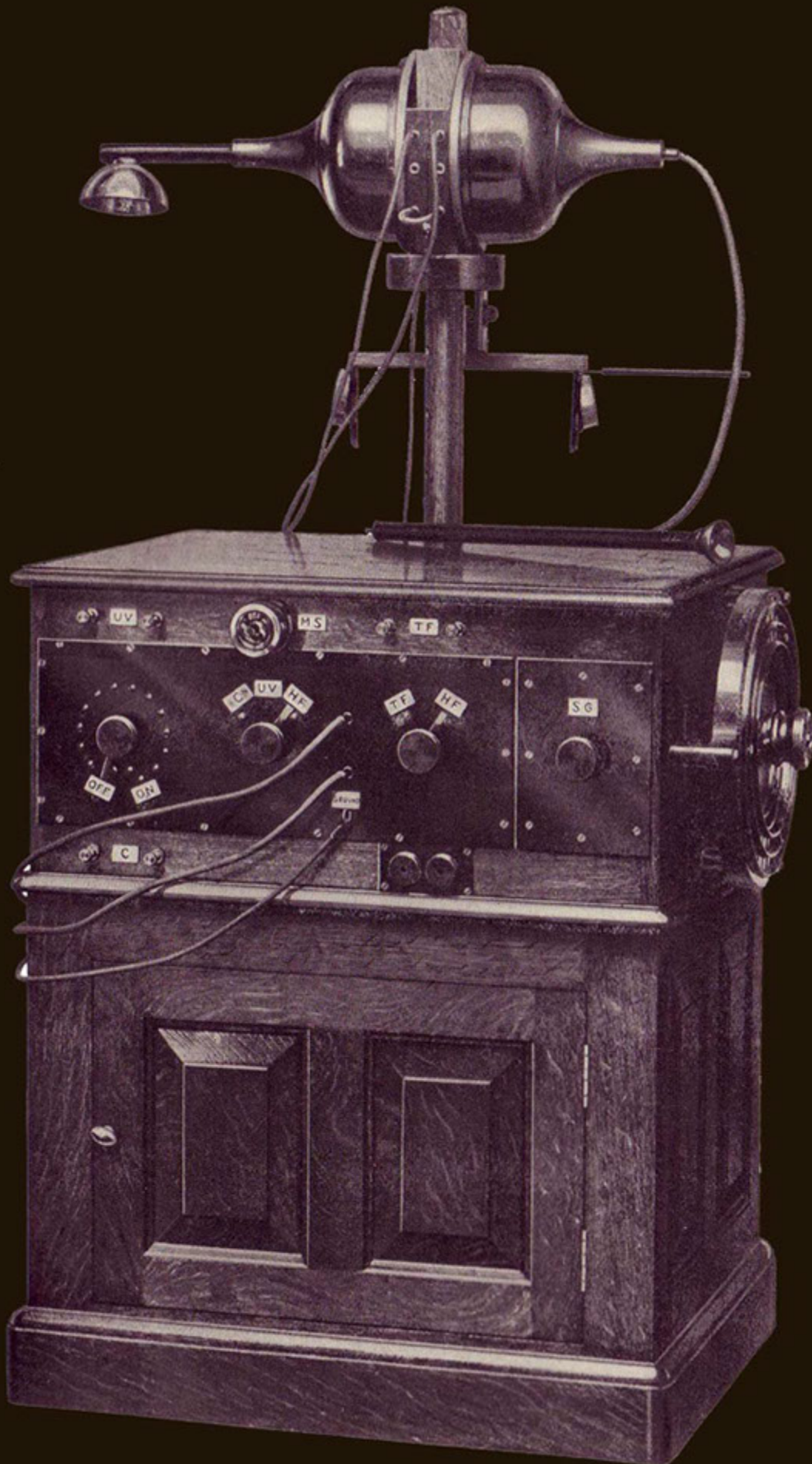




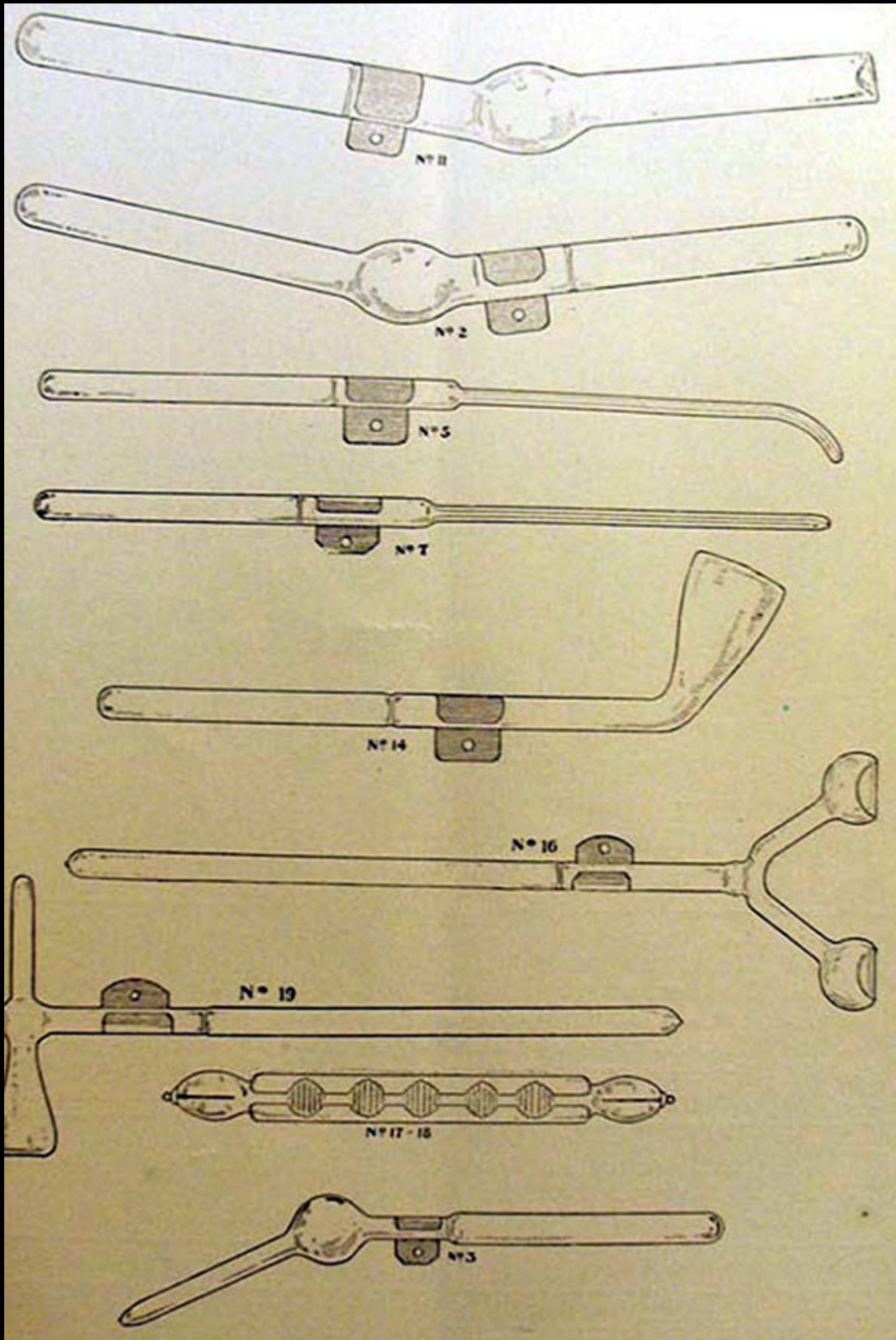


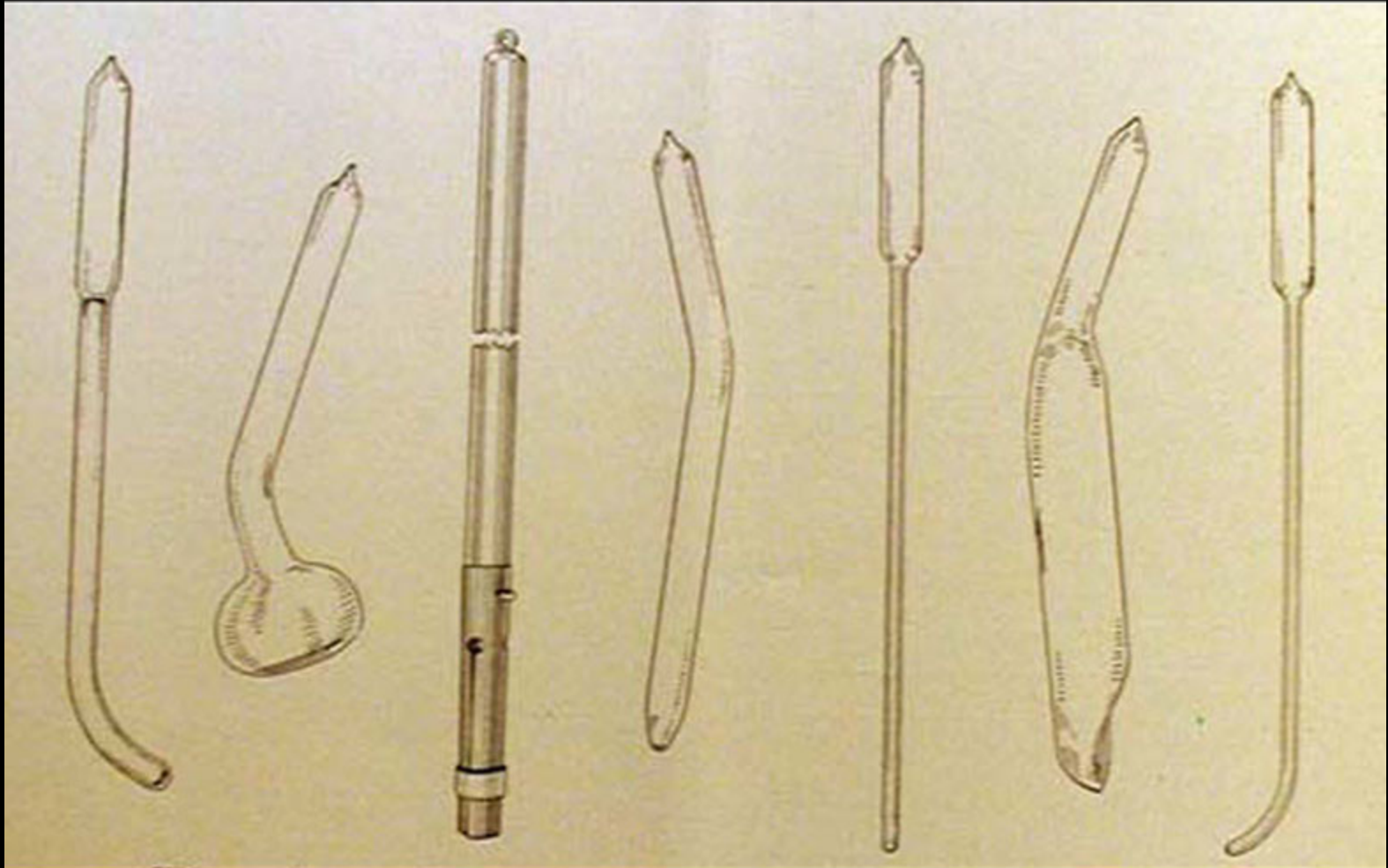




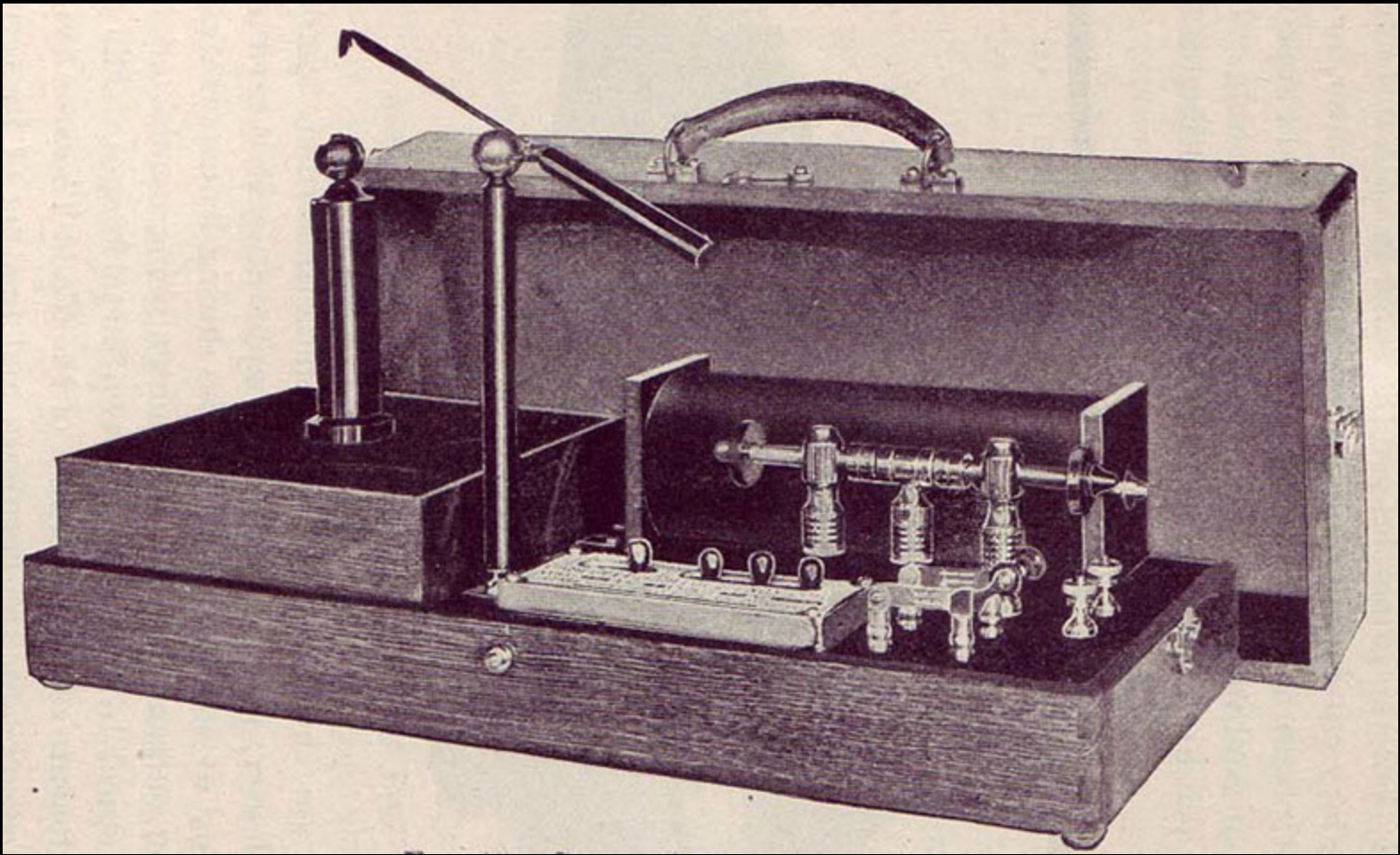












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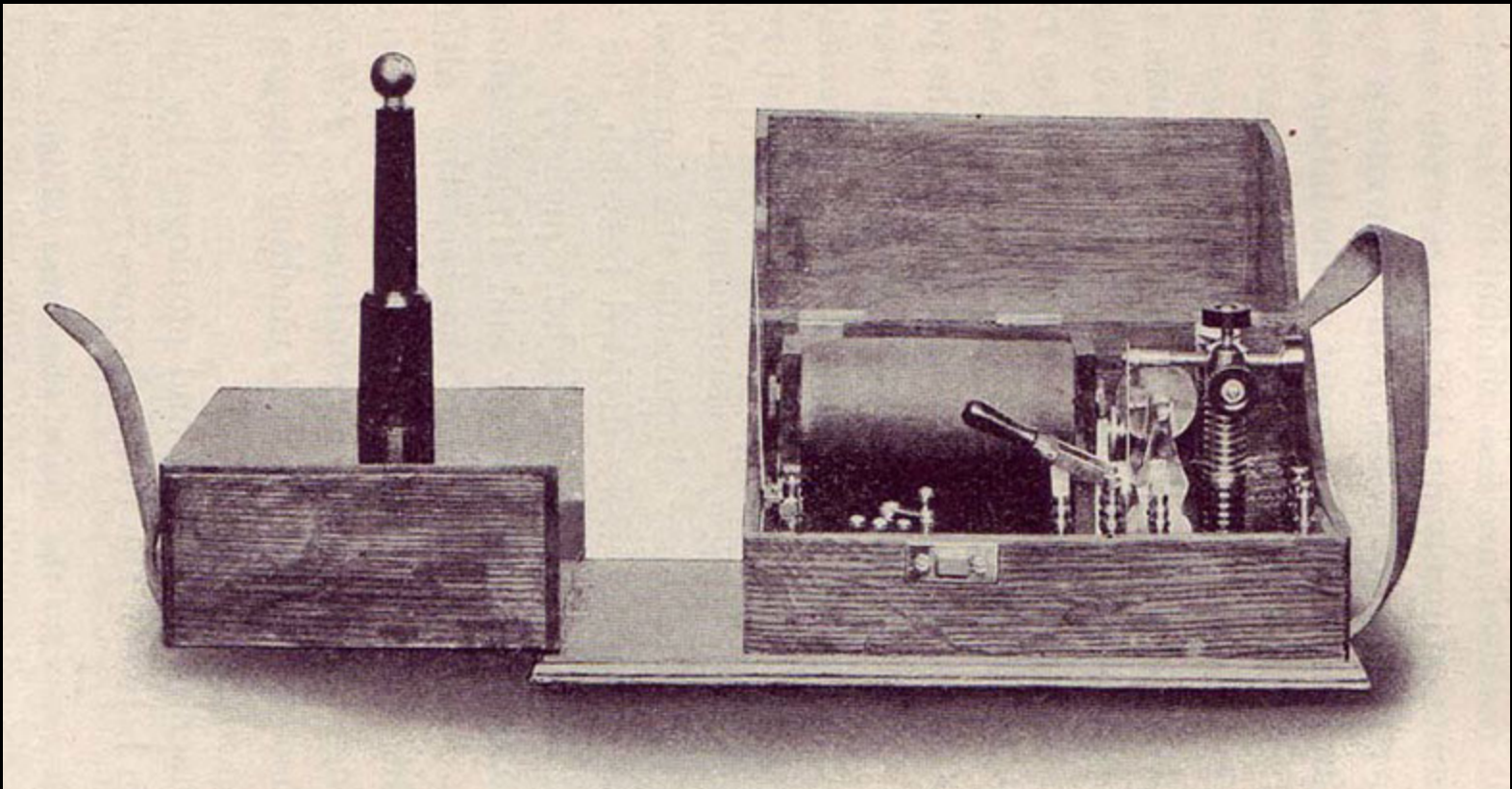
**CAMPBELL ELECTRIC CO., MAIN OFFICES AND FACTORY, LYNN, MASS.**

**BRANCH OFFICES: NEW YORK: 110 E. 23rd St.**

**PHILADELPHIA: 321 Mint Arcade**

**Campbell**  
ELECTRIC CO.  
LYNN, MASS.

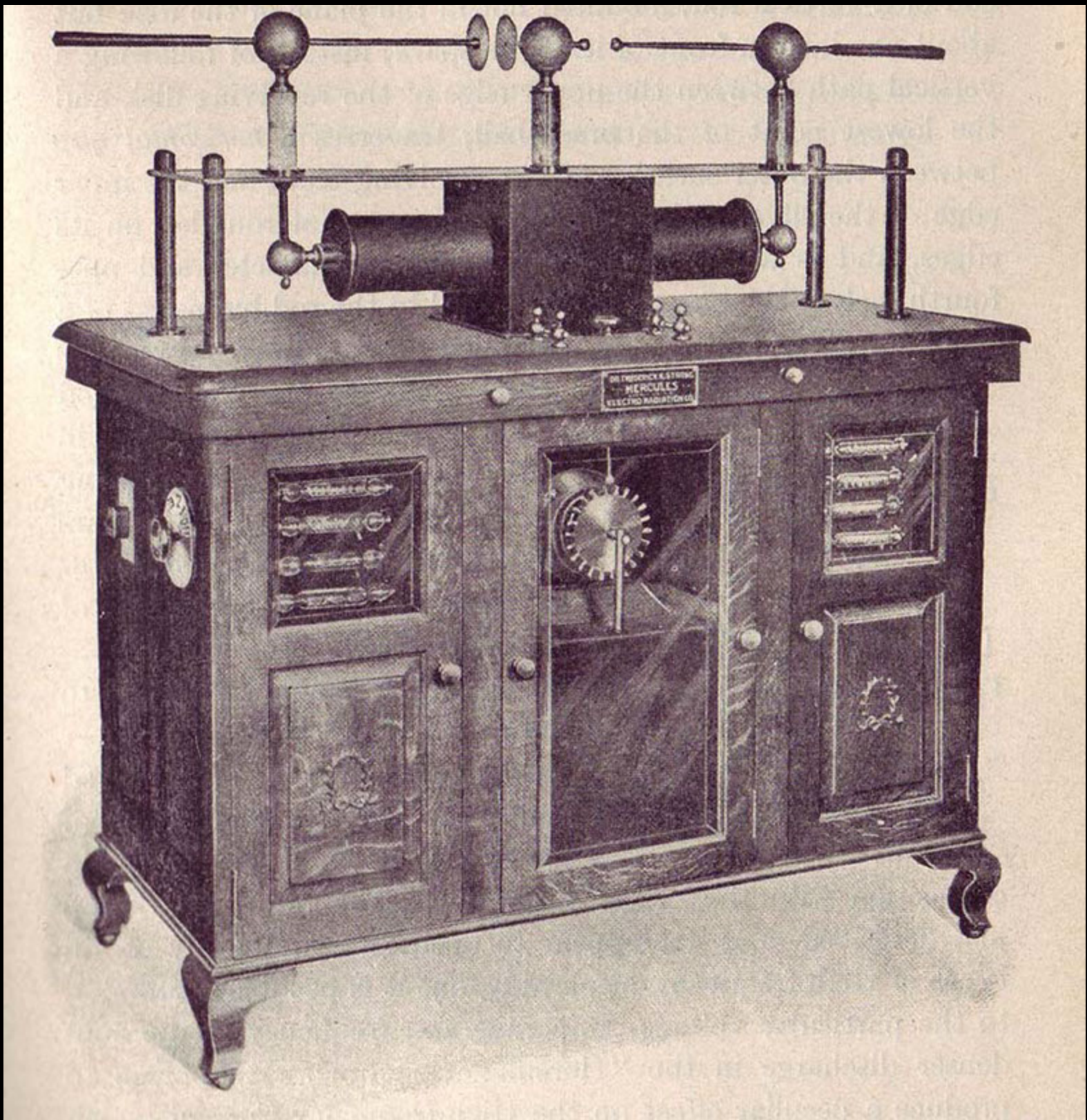




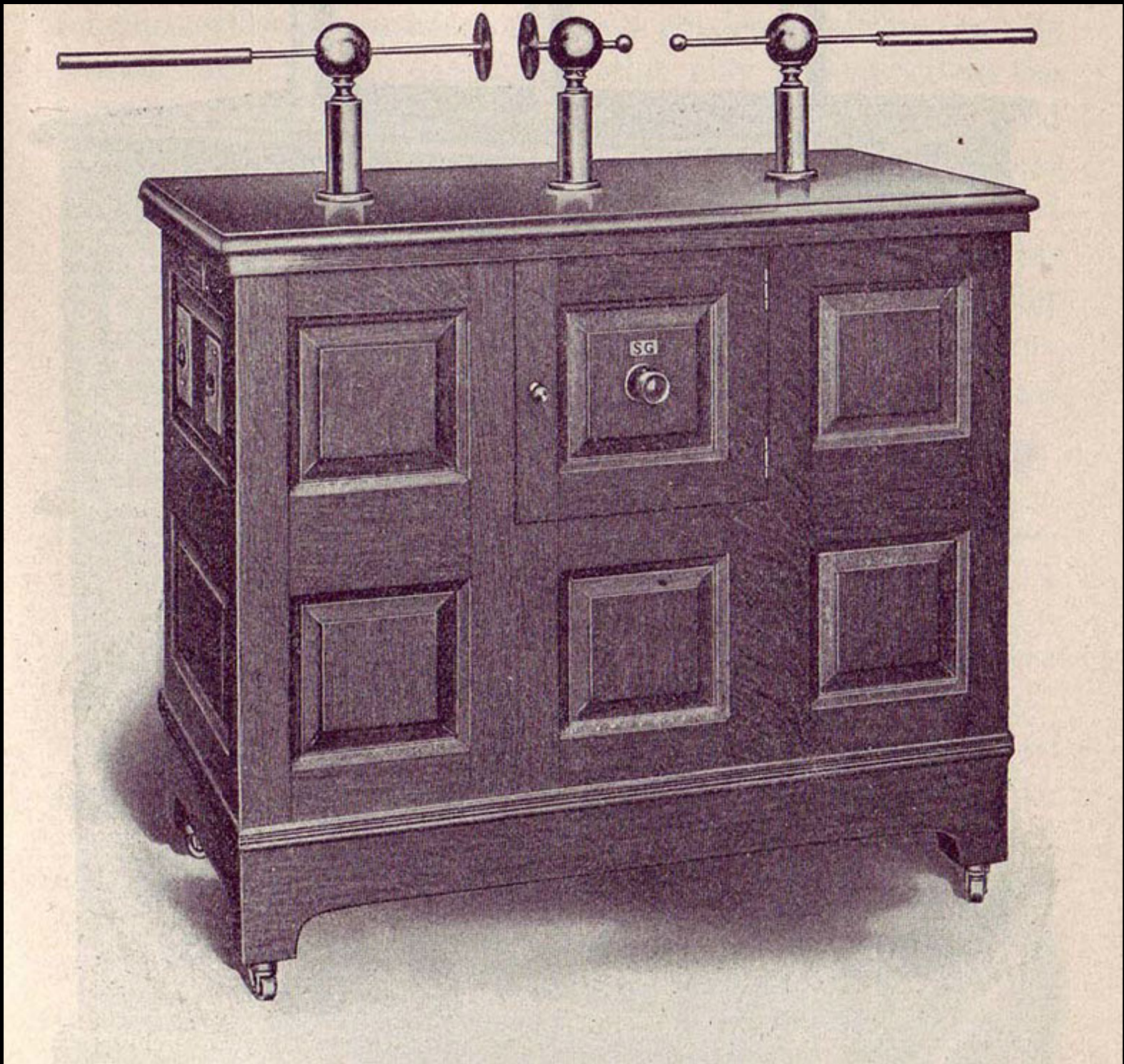






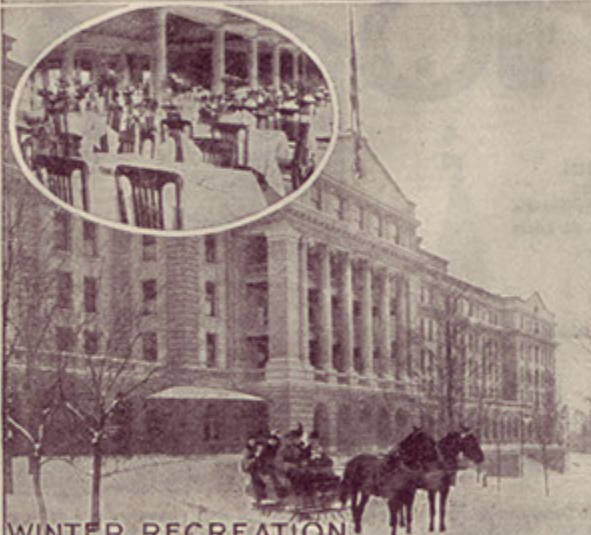








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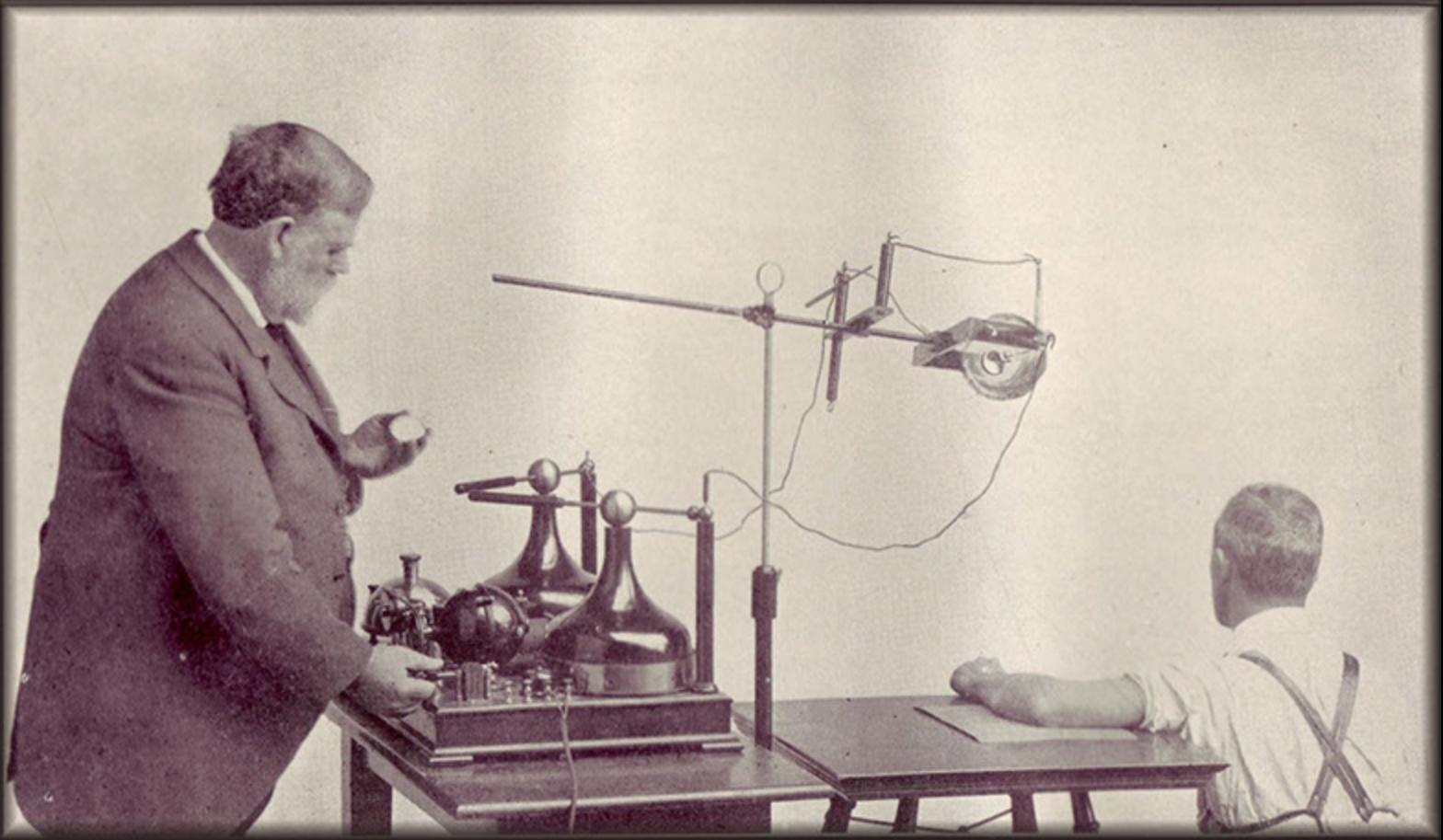
## ADDRESS

THE SANITARIUM,

Box 65,

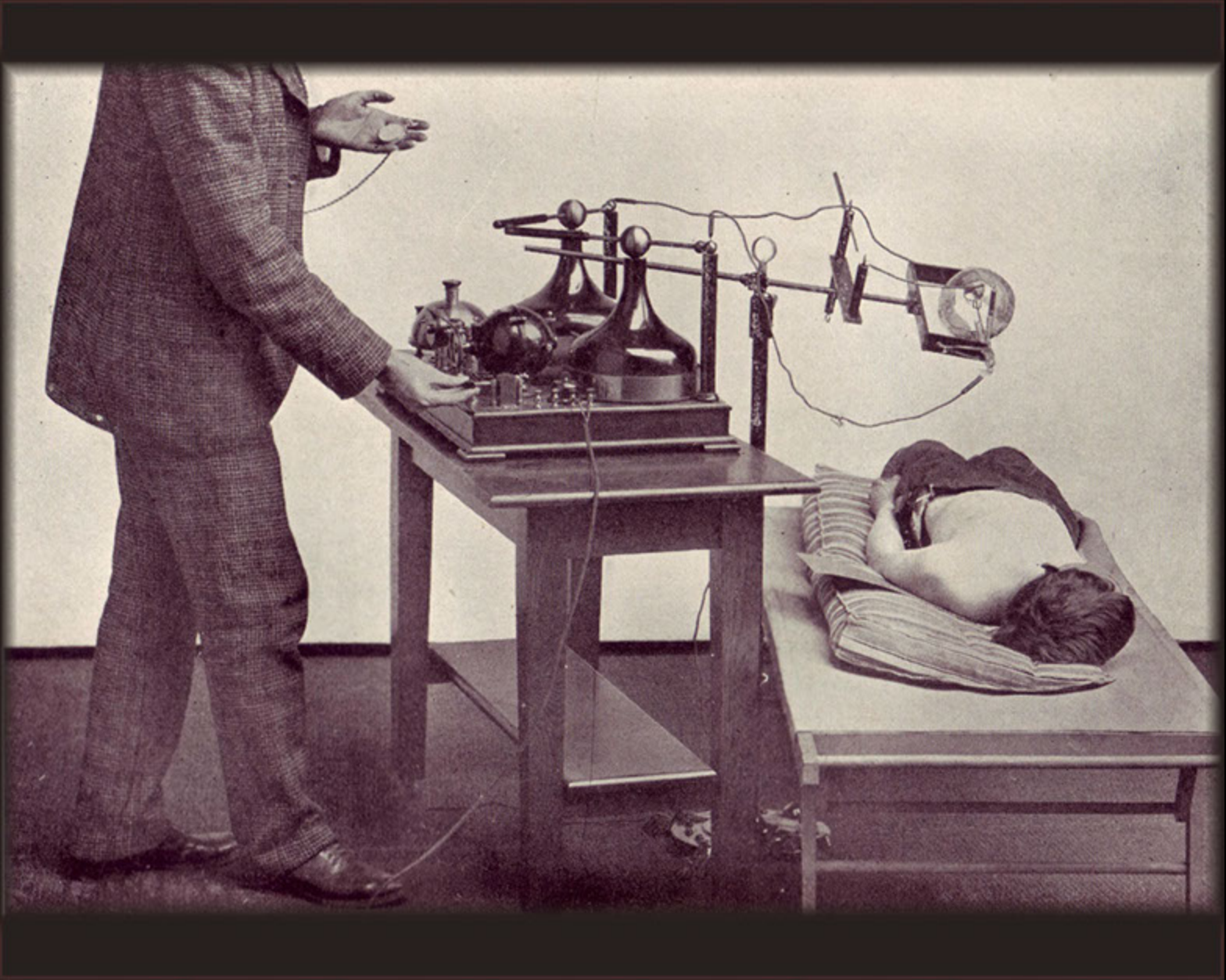
BATTLE CREEK, MICH.



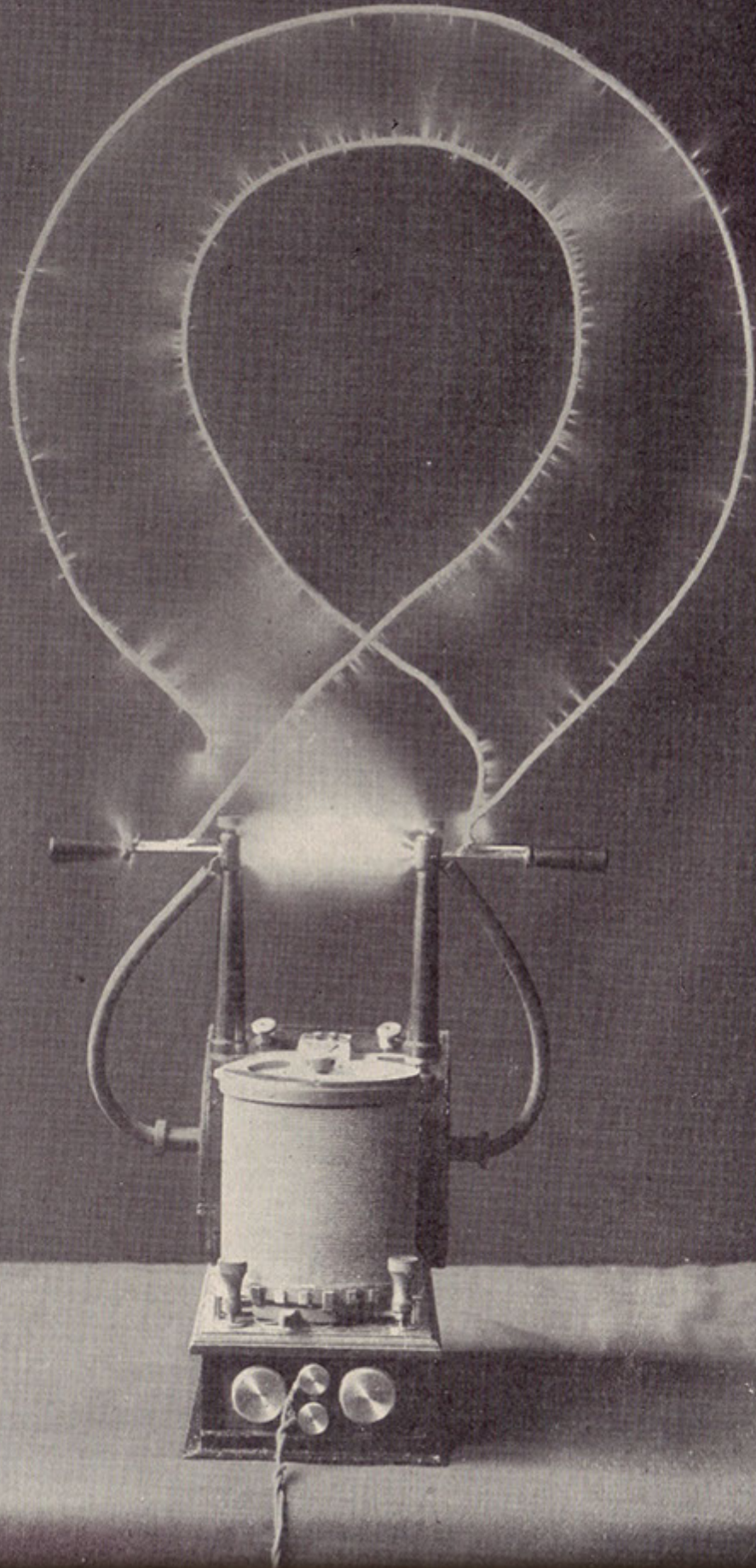




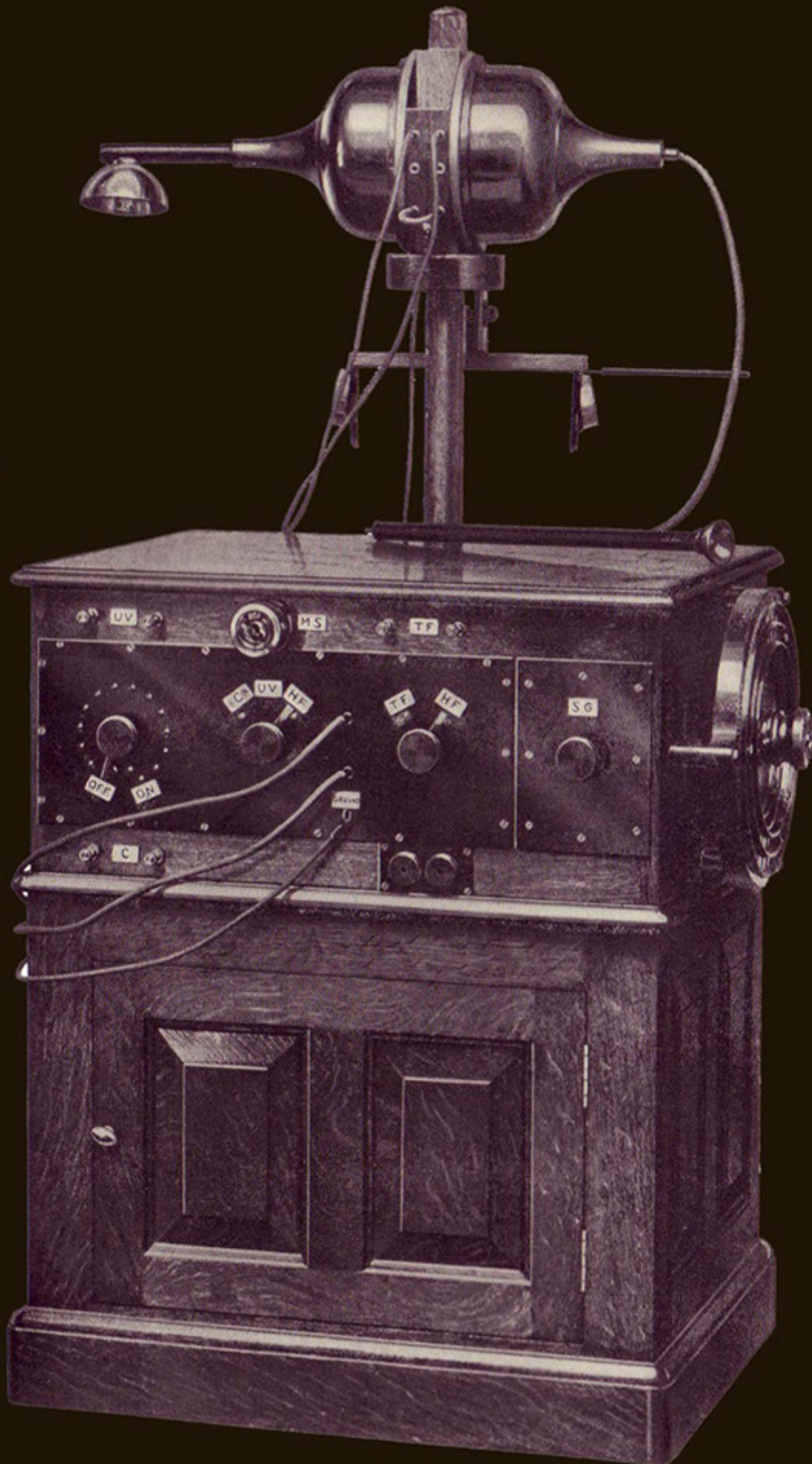




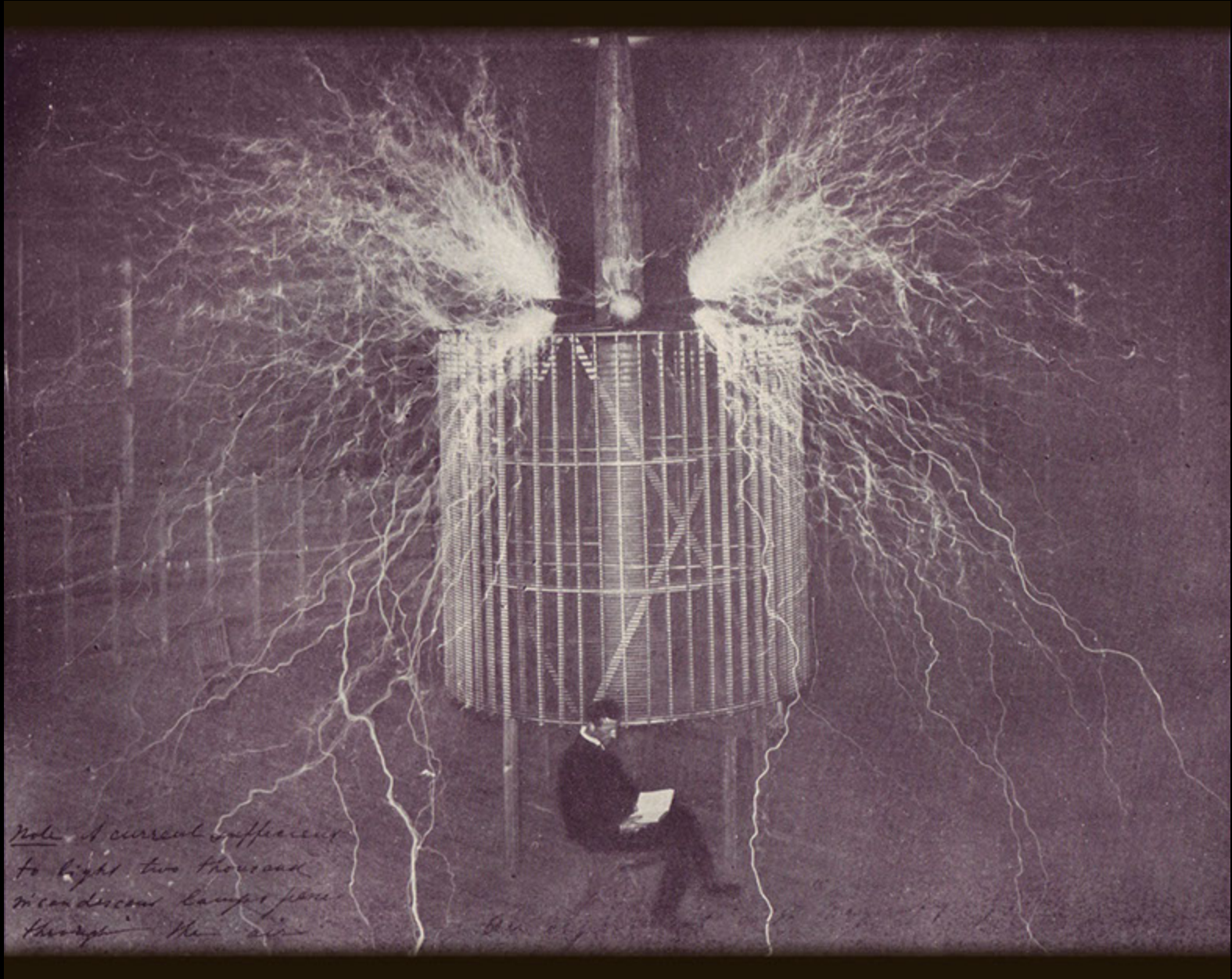




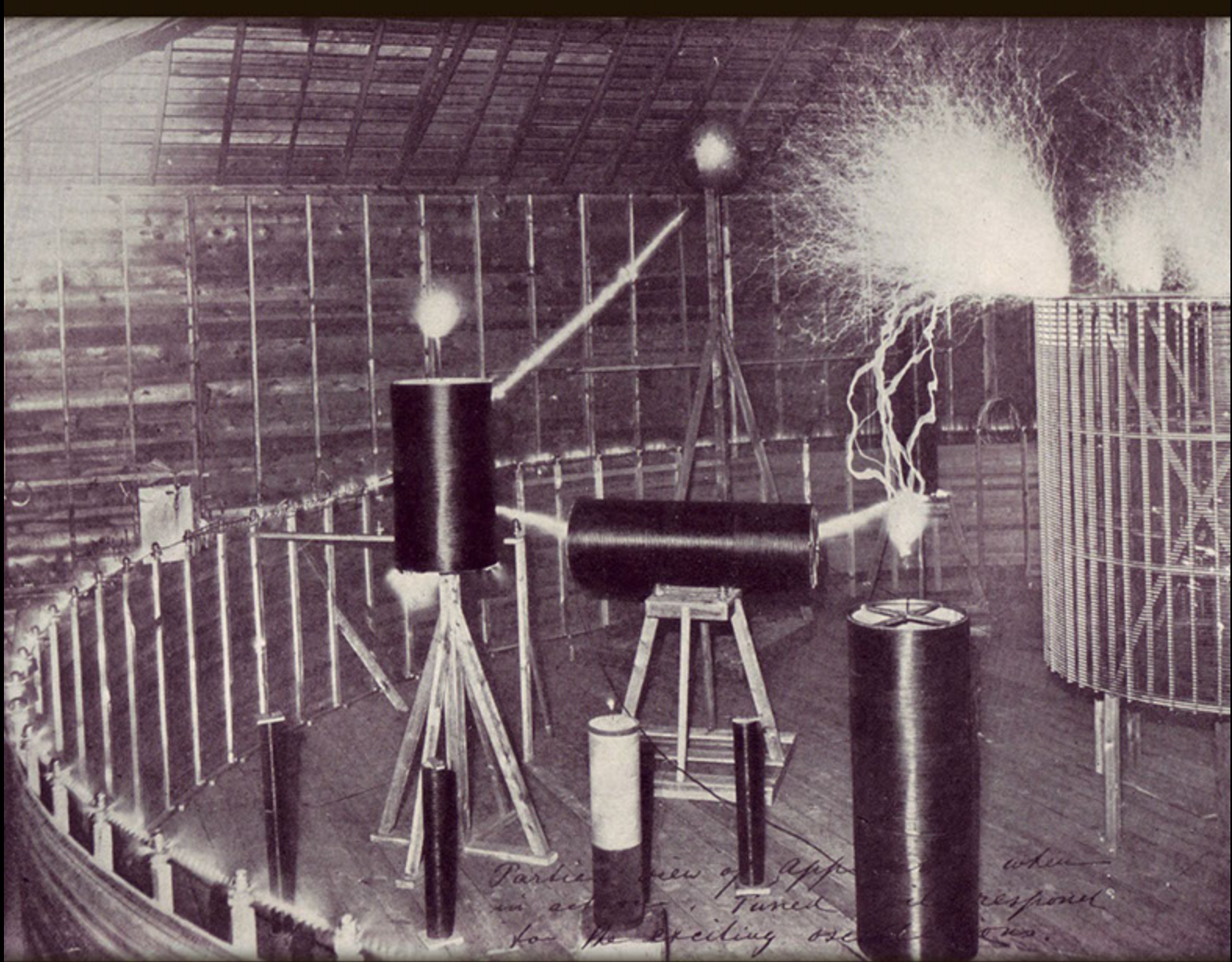






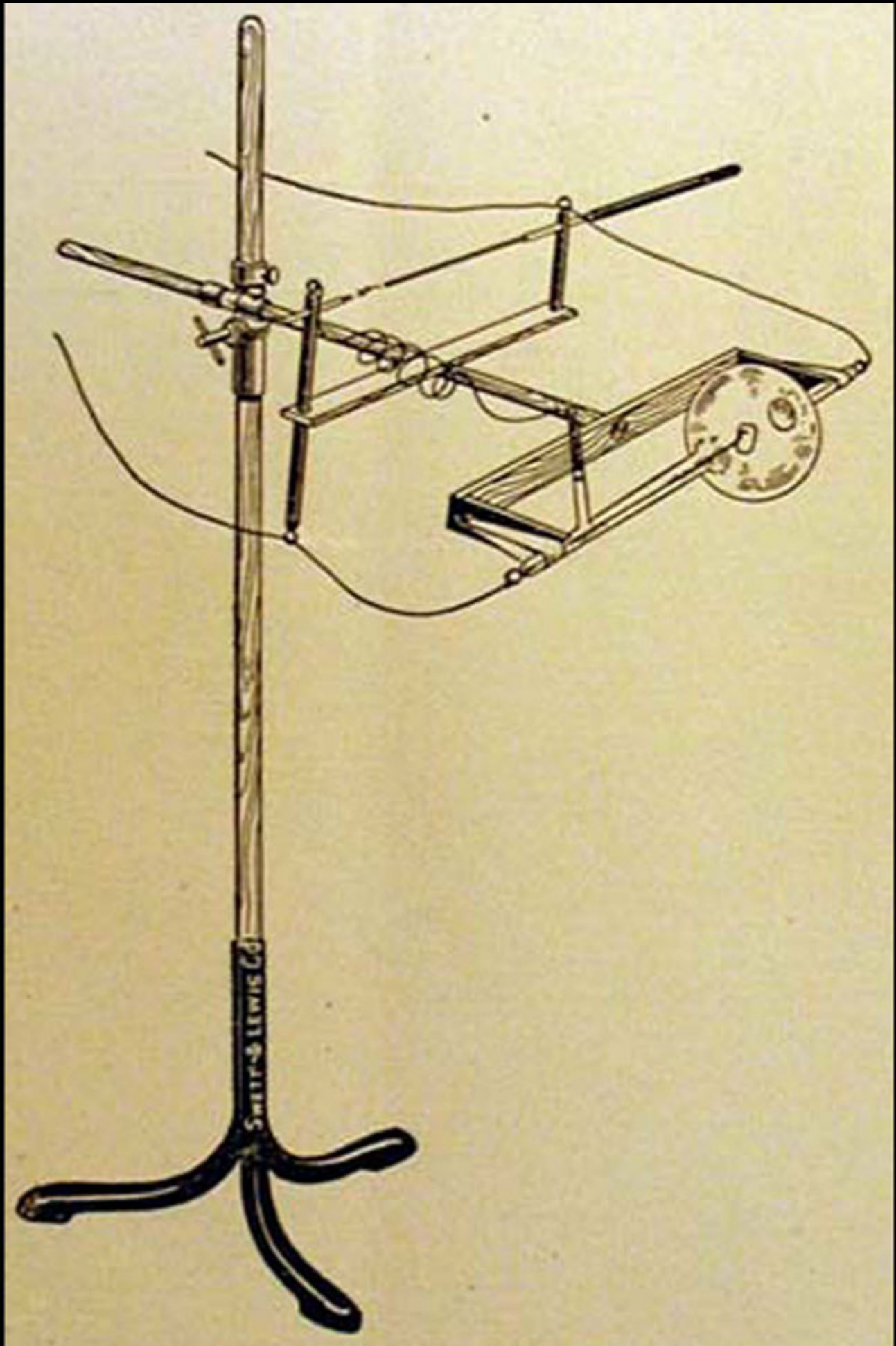


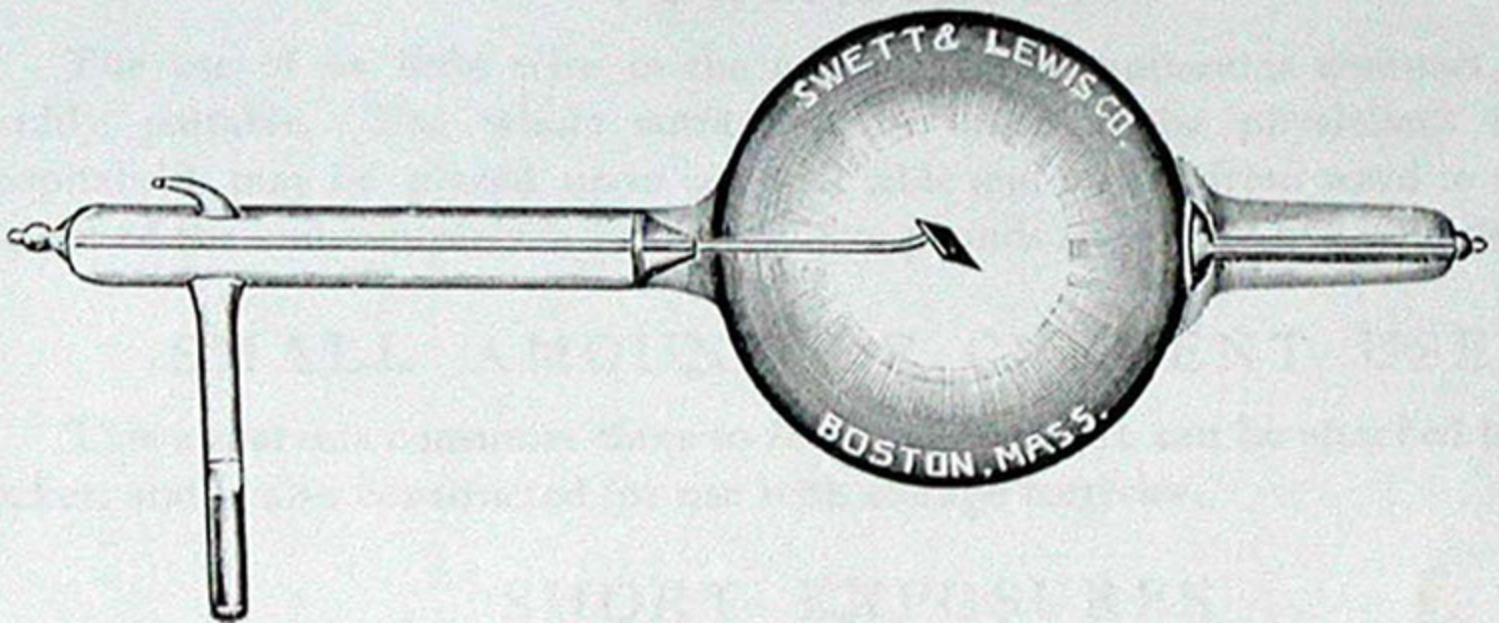




Partial view of apparatus when  
in action. Tuned and respond  
for the exciting oscillations.

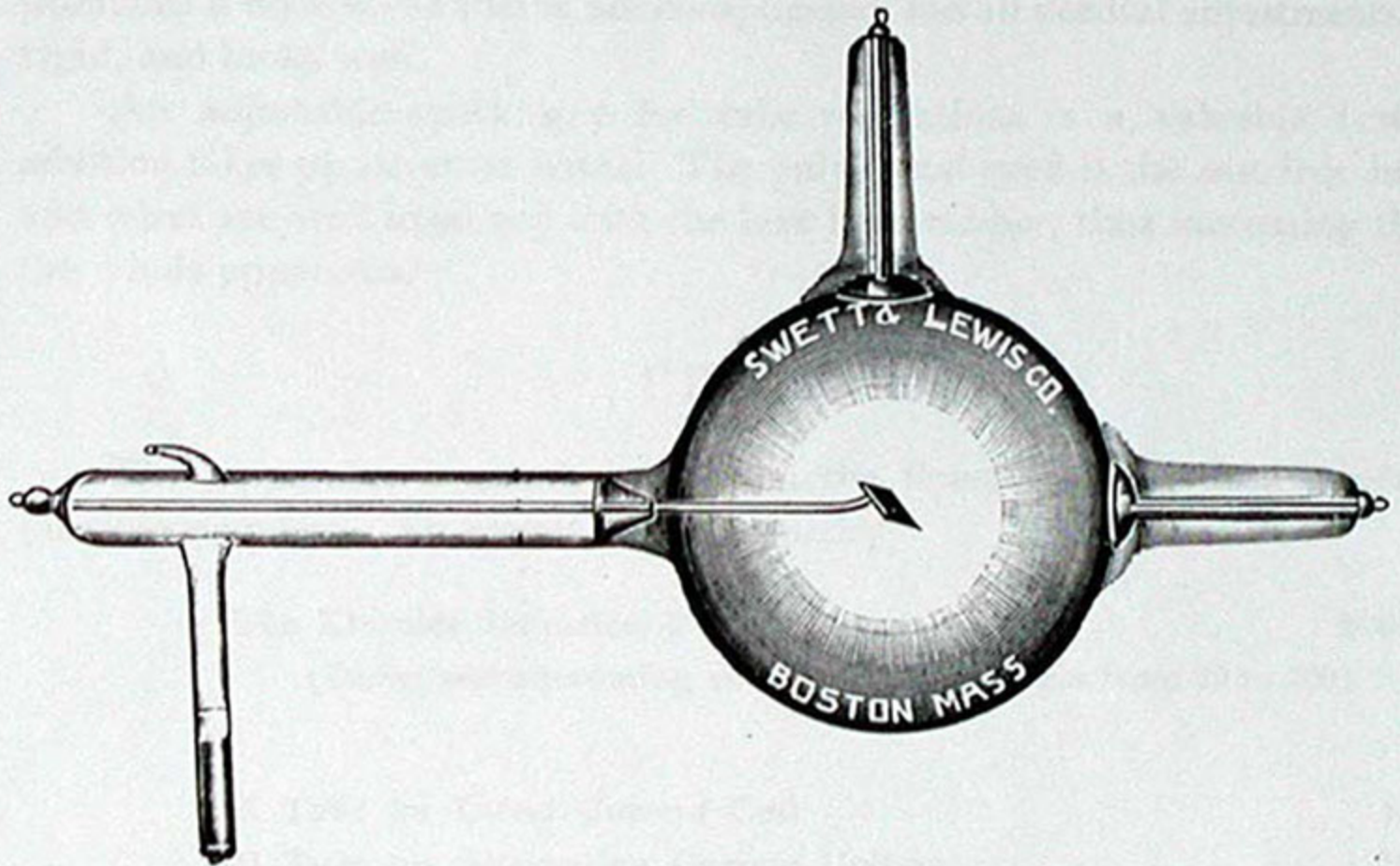






TYPE K FOR DIRECT CURRENT USE





TYPE H FOR ALTERNATING CURRENT USE

## Water Cooled Tube

